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### 00441-1009 WINSOR & NEWTON WINTON OIL COLOURS

colart

# (NON HAZARDOUS) Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 12/09/2020 Supersedes: 11/03/2020 Version: 6.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Trade name	: WINSOR & NEWTON WINTON OIL COLOURS (NON HAZARDOUS)
1.2. Recommended use and restrictions	on use
Use of the substance/mixture	: Artists', craft and hobby paints
Recommended use	: Artists', craft and hobby paints, Consumer uses: Private households (= general public = consumers)
1.3. Supplier	
Manufacturer	Distributor
Colart France +33 2 43 83 83 00 Zone Industrielle Nord	ColArt Americas Inc. 2 Corporate Place South, Piscataway
5 Rue René Panhard	New Jersey, USA
Le Mans, - France	NJ 08855
r.enquiries@colart.co.uk	T +1 888 422 7954 r.enguiries@colart.co.uk
	<u>r.enquines@colart.co.uk</u>
1.4. Emergency telephone number	
No additional information available	
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	ixture
GHS US classification	
Not classified	
2.2. GHS Label elements, including preca GHS US labeling No labeling applicable	
2.3. Other hazards which do not result in	classification
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
SECTION 3: Composition/Information	n on ingredients
3.1. Substances	
Not applicable	
3.2. Mixtures	
Full text of hazard classes and H-statements : se	e section 16
SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention.
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cording to Federal Register / Vol. 77, No. 58 / Monday	
.2. Most important symptoms and effect otential Adverse human health effects and	ts (acute and delayed)     Based on available data, the classification criteria are not met.
vmptoms	
/mptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
3. Immediate medical attention and sp	pecial treatment, if necessary
eat symptomatically.	
ECTION 5: Fire-fighting measures	
1. Suitable (and unsuitable) extinguis	-
uitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Sand.
nsuitable extinguishing media	: Do not use a heavy water stream.
2. Specific hazards arising from the cl	
re hazard	: No fire hazard.
eactivity	: The product is non-reactive under normal conditions of use, storage and transport.
3. Special protective equipment and p	-
refighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
rotection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
ECTION 6: Accidental release mea	sures
1. Personal precautions, protective ec	quipment and emergency procedures
1.1. For non-emergency personnel	
mergency procedures	: Evacuate unnecessary personnel.
1.2. For emergency responders	
otective equipment	: Equip cleanup crew with proper protection.
nergency procedures	: Ventilate area.
2. Environmental precautions	
revent entry to sewers and public waters. Notif	fy authorities if liquid enters sewers or public waters.
3. Methods and material for containme	ent and cleaning up
lethods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
.4. Reference to other sections	
ee Heading 8. Exposure controls and personal	protection.
ECTION 7: Handling and storage	
.1. Precautions for safe handling	
recautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
2. Conditions for safe storage, includi	
torage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.
compatible products	: Strong bases. Strong acids.
acompatible materials	: Sources of ignition. Direct sunlight.
ECTION 8: Exposure controls/pers	onal protection
.1. Control parameters	
DIIRON TRIOXIDE (1309-37-1)	
Not applicable	
dditional information	: There exist no exposure limits for this material
2. Appropriate engineering controls	
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8.3. Individual protection measures/Personal protective equipment

#### Eye protection:

Avoid contact with eyes

#### Other information:

Do not eat, drink or smoke during use. Ensure there is adequate ventilation.

SECTION 9: Physical and chemical p	properties
9.1. Information on basic physical and c	
Physical state	: Liquid
Appearance	: Paste.
	: Various
	: characteristic
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 300 °C
Flash point	: > 230 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1 – 2.7
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
No additional information available	
<b>SECTION 10: Stability and reactivity</b>	
10.1. Reactivity	
The product is non-reactive under normal conditi	ons of use, storage and transport.
10.2. Chemical stability	
Stable at ambient temperature and under normal	conditions of use.
10.3. Possibility of hazardous reactions	
None under normal use.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperatur	es.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition products	
Carbon monoxide. Carbon dioxide.	
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<b>SECTION 11: Toxicological informa</b>	tion
11.1. Information on toxicological effects	;
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
	Net described
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
WINSOR & NEWTON WINTON OIL COLOUR	
	Not established
Persistence and degradability	Not established.
Persistence and degradability           12.3.         Bioaccumulative potential	Not established.
12.3. Bioaccumulative potential WINSOR & NEWTON WINTON OIL COLOUR	RS (NON HAZARDOUS)
12.3. Bioaccumulative potential	
12.3. Bioaccumulative potential WINSOR & NEWTON WINTON OIL COLOUR	RS (NON HAZARDOUS)
Intersection         Intersection           12.3.         Bioaccumulative potential           WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential	RS (NON HAZARDOUS)
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available	RS (NON HAZARDOUS)
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil	RS (NON HAZARDOUS)
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available	RS (NON HAZARDOUS)
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available	RS (NON HAZARDOUS)
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information	KS (NON HAZARDOUS)     Not established.      Avoid release to the environment.
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Other information         SECTION 13: Disposal consideration	KS (NON HAZARDOUS)     Not established.      Avoid release to the environment.
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1.       Disposal methods	KS (NON HAZARDOUS)     Not established.      Avoid release to the environment.  NS
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations	KS (NON HAZARDOUS)     Not established.      Avoid release to the environment.
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1.       Disposal methods	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials         SECTION 14: Transport information	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3.       Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1.       Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials         SECTION 14: Transport information         Department of Transportation (DOT)	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated         Transportation of Dangerous Goods	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.
12.3. Bioaccumulative potential         WINSOR & NEWTON WINTON OIL COLOUR         Bioaccumulative potential         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Other information         SECTION 13: Disposal consideration         13.1. Disposal methods         Product/Packaging disposal recommendations         Ecology - waste materials         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated	RS (NON HAZARDOUS) Not established.  • Avoid release to the environment. • Dispose in a safe manner in accordance with local/national regulations. • Avoid release to the environment.

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#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

15.1. US Federal regulations

CONFIRMENTERIALS INSTITUTE Conforms to ASTM D 4236	This product has been evaluated by a toxicologist and labelled for acute and chronic health hazards in accordance with the Labelling of Hazardous art materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substance Act. This product conforms to ASTM D-4236 Standard Practice for Labelling Art Materials. This product has been certified by ACMI (Artist) Craft Material Institute, Inc.) to carry the AP (Approved) seal, meaning this product bears no chronic or acute human health hazards. All Cadmium colours conform to ASTM D 4236: Cadmium Lemon, Cadmium Orange, Cadmium Red Medium, Cadmium Red Light, Cadmium Yellow Light and Cadmium Yellow Medium.
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#### 15.2. International regulations CANADA

No additional information available

EU-Regulations No additional information available

National regulations No additional information available

#### 15.3. US State regulations-California Proposition 65 Carcinogens and Reproductive Toxins

Applies to Cadmium Orange, Cadmium Yellow medium, Cadmium Yellow Light, Cadmium Red Medium, Cadmium Yellow, Cadmium Red Light only. WARNING: DO NOT SPRAY APPLY -- This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation

#### SECTION 16: Other information

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Data sources		REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	:	None.

US SDS LHAMA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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### WINSOR & NEWTON WINTON OIL COLOUR **TITANIUM WHITE**

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SECTION 1: Identification			
1.1. Identification			
Product form	: Mixture		
Trade name	: WINSOR & NEWTON WINTON	OIL COLOUR TIT	ANIUM WHITE
1.2. Recommended use and restriction	s on use		
Use of the substance/mixture	: Artists', craft and hobby paints		
Recommended use	: Consumer uses: Private househo paints	olds (= general pub	blic = consumers), Artists', craft and hobby
1.3. Supplier			
Manufacturer Colart France +33 2 43 83 83 00 Zone Industrielle Nord 5 Rue René Panhard Le Mans, - France r.enquiries@colart.co.uk	2 Corpora New Jerss NJ 08855 T +1 888	hericas Inc. Ite Place South, Pi ey, USA	scataway
1.4. Emergency telephone number			
No additional information available			
SECTION 2: Hazard(s) identification			
2.1. Classification of the substance or r			
GHS US classification			
Carcinogenicity Category 2	Suspected of causing car	ncer	
Careinogenicity Category 2	Suspected of causing cal		
2.2. GHS Label elements, including pre	cautionary statements		
GHS US labeling			
Hazard pictograms (GHS US)			
Signal word (GHS US)	: Warning		
Hazard statements (GHS US)	: Suspected of causing cancer		
Precautionary statements (GHS US)	: If exposed or concerned: Get me Dispose of contents/container to with local, regional, national and/	hazardous or spec	cial waste collection point, in accordance
2.3. Other hazards which do not result	in classification		
No additional information available			
2.4. Unknown acute toxicity (GHS US)			
Not applicable			
SECTION 3: Composition/Information	on on ingredients		
3.1. Substances			
Not applicable			
3.2. Mixtures			
3.2. Mixtures Name	Product identifier	%	GHS US classification

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Full text of hazard classes and H-statements : see section 16

1.         Description of first aid measures           irst-aid measures general         i. Nevor give anything by mouth to an unconscious person. If you feel unvell, seek medical advoic (show the label where possible).           irst-aid measures after inhalation         : Romove affecided clothing and wash all exposed skin area with mild scap and water, followed by ware misse.           irst-aid measures after eye contact         : Rinse mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention if pain, blinking or redness persists.           irst-aid measures after ingestion         : Rinse mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention and special treatment.           .         Most Important symptoms and effects (scute and delayed)           ymptoms/effects         : Not expected to present a significant hazard under anticipated conditions of normal use.           .         .         Not stratable oxinguishing media           .         : Not expected to present a significant hazard under anticipated conditions of normal use.           .         .         .           .         : Not expected to present a significant hazard under anticipated and treasport.           .         : Stabile (and unsuitable) oxinguishing media         : Do not use a heavy water stream.           .         : Specific hazards arising from the chemical         : No fire hazard.           : in horod time fighting         : No fire hazard. </th <th>Full text of hazard classes and H-statements</th> <th></th>	Full text of hazard classes and H-statements	
irst-aid measures general : ever give anything by mouth to an unconsciuus person. If you feel unwell, seek medical advice (above he label where pessible). So it with a neasures after skin contact : Allow the tote where pessible). So it with a neasures after skin contact : Allow affected person to breathe fresh air. Allow the vicitim to rest. : irst-aid measures after skin contact : Allow affected person to breathe fresh air. Allow the vicitim to rest. : irst-aid measures after skin contact : Allow affected person to breathe fresh air. Allow the vicitim to rest. : irst-aid measures after skin contact : Allow affected person to breathe fresh air. Allow the vicitim to rest. : irst-aid measures after skin contact : (acute and delayed) : Allow the vicitim redical attention if pain, blinking or redress persists. : irst-aid measures after ingesion : Based on available data, the classification criteria are not met. : mynoms/effects : Net expected to present a significant hazard under anticipated conditions of normal use. : <b>3. Immediate and tools in secondates with person. If you del normal use. : : : : : : : : : : : : : : : : : : :</b>	SECTION 4: First-aid measures	
advice (above the label where possible). <ul> <li>advice (above the label where possible).</li> <li>advice</li></ul>	4.1. Description of first aid measure	is a second s
irst-aid measures after skin contact isra-aid measures after skin contact by warm water inse. irst-aid measures after eye contact isra-aid measures after eye contact isra-aid measures after ingestion isra-aid measures isra-aid file file file file file file file file	First-aid measures general	
by warm water rinse.         itera-lid measures after eye contact       Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.         itera-lid measures after ingestion       Rinse mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention.         2.       Most important symptoms and effects (acute and delayed)         Otential Adverse human health effects and       Based on available data, the classification criteria are not met.         important symptoms       i Not expected to present a significant hazard under anticipated conditions of normal use.         3.       Immediate medical attention and special treatment, if necessary reat symptomatically.         PECTION 5: Fire-fighting measures       i So not use a heavy water stream.         2.       Specific hazards arising from the chemical ire hazard.         1.       Specific hazards arising from the chemical ire hazard.         ites hazard       i No fire hazard.         2.       Specific hazards arising from the chemical iffe. Prevont fire-fighting water from entoring environment.         ites hazard       i No fire hazard.         3.       Special protective equipment and emergency procedures         1.1.       For one-energency personal         ire hazard       i Do not enter fire area without proper protective equipment, including respiratory protection.         ire hazard       i Do not	First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
inter-laid measures after ingestion         Rinke mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention.           2.         Most important symptoms and offects (acute and delayod)           openals Adverse human health offects and         : Based on available data, the classification criteria are not met.           improme         : Not expected to present a significant hazard under anticipated conditions of normal use.           3.         Immediate medical attention and special treatment, if necessary reat symptomatically.           CECTION 5: Fire-fighting measures:         Immediate medical attention and special treatment, if necessary reat symptomatically.           CECTION 5: Fire-fighting measures:         Immediate medical attention and special treatment, if necessary reats symptomatically.           CECTION 5: Fire-fighting measures:         Immediate medical attention and special reatment.           Insuitable extinguishing media         : Do not use a heavy water stream.           2.         Specific hazards arising from the chemical in the hazard.           ire hazard         : No fire hazard.           ire hazard         : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Aprevant fire-fighting water from entering environment.           iredightling instructions         : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Aprevant fire-fighting water from entering environment.	First-aid measures after skin contact	
attention.         2.2. Most important symptomes and effects (acute and delayed)         contail Adverse human health effects and       is Based on available data, the classification criteria are not met.         ymptoms/effects       is Not expected to present a significant hazard under anticipated conditions of normal use.         3. Immediate medical attention and special treatment, if necessary         reat symptomatically.         ECTION 55 Fire-fighting measures         3. Suitable (and unsuitable) extinguishing media         uitable extinguishing media         is Don to use a heavy water stream.         2. Specific hazards arising from the chemical inse hazard         is hazard       i No fire hazard.         is Reproductive equipment and precautions for fire-fighters         redictivity       i The product is non-reactive under normal conditions of use, storage and transport.         3. Special protective equipment and precautions for fire-fighters         redictivity       i Do not enter fire area without proper protective equipment, including respiratory protection.         reference during firefighting       i Do not enter fire area without proper protective equipment, including respiratory protection.         reference during threfighting water. Know indexing water from entering environment.         redictive equipment       i Equip cleanup crew with proper protection.         meregency procedures       i Equip cl	First-aid measures after eye contact	
contential Adverse human health effects and present a signification criteria are not met. Signification criteria are not meta-signification criteria are not meta-significatin drespective criteria criteria are not me	First-aid measures after ingestion	
symptoms         Example a significant hazard under anticipated conditions of normal use.           3.         immediate medical attention and special treatment, if necessary           reat symptomatically.         ECTION 5: Fire-fighting measures           4.         Suitable (and unsuitable) extinguishing media         : Foam. Dry powder. Carbon dioxide. Water spray. Sand.           insuitable extinguishing media         : Do not use a heavy water stream.           2.         Special protective equipment and product is non-reactive under normal conditions of use, storage and transport.           3.         Special protective equipment and product is non-reactive under normal conditions of use, storage and transport.           3.         Special protective equipment and productions for fire-fighters           irrelighting instructions         : Use water spray or fog for cooling expoade containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.           ECTION 6: Accidential release measures         .           1.         Personal precautions, protective equipment and emergency procedures           1.1.         For emergency responders           retective equipment         : Equip cleanup crew with proper protection.           mergency procedures         : Ventilate area.           2.         Equip cleanup crew with proper protection.           mergency procedures         : Ventilate area.		
3.       Immediate medical attention and special treatment, if necessary         Text symptomatically.         Section S: Fire-fighting measures         4.       Suitable (and unsuitable) extinguishing media         ivitable extinguishing media       : Feam. Dry powder. Carbon dioxide. Water spray. Sand.         Insuitable extinguishing media       : Do not use a heavy water stream.         2.       Specific hazards arising from the chemical         ire hazard       : No fire hazard.         izeativity       : The product is non-reactive under normal conditions of use, storage and transport.         3.       Specific hazards arising from the chemical         irefighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.         rotection during firefighting       : Do not enter fire area without proper protective equipment, including respiratory protection.         ECTION 6: Accidental release measures       .         1.1. For one-mergency personnel       : Equip cleanup crew with proper protection.         mergency procedures       : Ventilate area.         2.       Equip cleanup crew with proper protection.         erequency procedures       : Ventilate area.         3.       Section support on the material. Soak up spills with inert solids, such as clay or diatomaceous earth	Potential Adverse human health effects and symptoms	
Treat symptomatically.         SecTION 5: Fire-fighting measures         .1. Suitable (and unsuitable) extinguishing media         .1. Suitable (and unsuitable) extinguishing media         .1. Suitable (and unsuitable) extinguishing media         .1. Specific hazards arising from the chemical         .2. Specific hazards arising from the chemical         .3. Special protective equipment and precautions for fire-fighters         .1. Control of the fazard         .2. Specific hazards         .3. Special protective equipment and precautions for fire-fighters         .1. Control of the fazard         .2. Special protective equipment and precautions for fire-fighting water from entering environment.         .3. Special protective equipment and precautions for fire-fighting water from entering environment.         .2. Control of the fazards         .2. On one-mergency protective equipment and emergency procedures         .1. For non-emergency presonnel         mergency procedures       : Evacuate unnecessary personnel.         .1.1. For ono-mergency presonnel         .2. Environmental precautions         .3. Methods and material for containment and cleaning up         Trevext entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.         .3. Methods and material for containment and cleaning up         Tervext entry to	Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Section 5: Fire-fighting measures         1.       Suitable (and unsuitable) extinguishing media         iuitable extinguishing media       : Foam. Dry powder. Carbon dioxide. Water spray. Sand.         insuitable extinguishing media       : Do not use a heavy water stream.         2.       Specific hazards arising from the chemical         ire hazard       : No fire hazard.         teactivity       : The product is non-reactive under normal conditions of use, storage and transport.         3.       Special protective equipment and precautions for fire-fighters         iredighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire-fighting water from entering environment.         trotection during firefighting       : Do not enter fire area without proper protective equipment, including respiratory protection.         ECTION 6: Accidental release measures       .         1.1.       For non-emergency personnel         mergency procedures       : Evacuate unnecessary personnel.         1.2.       For emergency responders         rotective equipment       : Equip cleanup crew with proper protection.         mergency procedures       : Ventilate area.         2.       Environmental precautions         trotective equipment       : Equip cleanup crew with proper protection.         3.       Metho	4.3. Immediate medical attention an	d special treatment, if necessary
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1.1.2. For emergency responders         introtective equipment       : Equip cleanup crew with proper protection.         imergency procedures       : Ventilate area.         2. Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.         3. Methods and material for containment and cleaning up         Methods for cleaning up       : Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.         4. Reference to other sections         isee Heading 8. Exposure controls and personal protection.         ECCTION 7: Handling and storage         1. Precautions for safe handling         treceautions for safe handling         treceautions for safe handling         treceautions for safe handling         treceautions for safe handling	Emergency procedures	: Evacuate unnecessary personnel.
Protective equipment       : Equip cleanup crew with proper protection.         imergency procedures       : Ventilate area.         2.       Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.         .3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.         .4.       Reference to other sections         ieee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1.       Precautions for safe handling         trecautions for safe handling       : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation		
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.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.         .4. Reference to other sections         Gee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1. Precautions for safe handling         : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation		
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<ul> <li>Bee Heading 8. Exposure controls and personal protection.</li> <li>BECTION 7: Handling and storage</li> <li>An and storage precautions for safe handling</li> <li>Precautions for safe handling</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation</li> </ul>	6.4. Reference to other sections	
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<ul> <li>Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.</li> <li>Strong bases. Strong acids.</li> <li>Sources of ignition. Direct sunlight.</li> </ul>
: Sources of ignition. Direct sunlight.
ersonal protection
: There exist no exposure limits for this material
Is
Personal protective equipment

Do not eat, drink or smoke during use. Ensure there is adequate ventilation.

SECTION 9: Physical and chemical p	properties
9.1. Information on basic physical and c	-
Physical state	: Liquid
Appearance	: Paste.
	: white
	: characteristic
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 300 °C
Flash point	: > 230 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: >1
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
No additional information available	
<b>SECTION 10: Stability and reactivity</b>	
10.1. Reactivity	
The product is non-reactive under normal conditi	ons of use, storage and transport.
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10.2. Chemical stability	
Stable at ambient temperature and under normal	I conditions of use.
10.3. Possibility of hazardous reactions	
None under normal use.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperatur	res.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition products	
Carbon monoxide. Carbon dioxide.	
SECTION 11: Toxicological informat	ion
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
	· Not classified
Skin corrosion/irritation Serious eye damage/irritation	: Not classified : Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
/iscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
SECTION 12: Ecological information	
I2.1. Toxicity	
Ecology - water	: Very toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability	
WINSOR & NEWTON WINTON OIL COLOUR	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
WINSOR & NEWTON WINTON OIL COLOUR	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
12.5. Other adverse effects	
12.5. Other adverse effects	

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Other information : Avoid release to the environment. **SECTION 13: Disposal considerations Disposal methods** 13.1. Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. Ecology - waste materials : Avoid release to the environment.

#### **SECTION 14: Transport information**

#### **Department of Transportation (DOT)**

In accordance with DOT

Transport document description (DOT) UN-No.(DOT) Proper Shipping Name (DOT)

Class (DOT) Packing group (DOT) Hazard labels (DOT)

- DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx)
- DOT Symbols
- DOT Special Provisions (49 CFR 172.102)

: UN3082 Environmentally hazardous substances, liquid, n.o.s. (CONTAINS), 9, III

: UN3082

- : Environmentally hazardous substances, liquid, n.o.s.
- CONTAINS
- : 9 Class 9 Miscellaneous hazardous material 49 CFR 173.140
- : III Minor Danger
- : 9 Class 9 (Miscellaneous dangerous materials)



- : 241
- : G Identifies PSN requiring a technical name
- : 8 A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

(31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 - 2.65 178.274(d)(2) Normal...... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 155 DOT Quantity Limitations Passenger aircraft/rail : No limit (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 : No limit CFR 175.75)

DOT Vessel Stowage Location

A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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Emergency Response Guide (ERG) Number	: 171
Other information	: No supplementary information available.
ransportation of Dangerous Goods	
ransport document description (TDG)	: UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS), 9 III
JN-No. (TDG)	: UN3082
Proper Shipping Name (TDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
DG Primary Hazard Classes	: 9 - Class 9 - Miscellaneous Products, Substances or Organisms
Packing group (TDG)	: III - Minor Danger
DG Special Provisions	<ul> <li>16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).</li> <li>(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:         <ul> <li>(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;</li> <li>(b) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;</li> <li>(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;</li> <li>(d) UN3248, MEDICINE, LIQUID, TOXIC, N.O.S.</li> <li>(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(f) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(g) UN2949, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(g) UN2949, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(h) UN2900, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or</li> <li>(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or</li> <li>(b) UN2900, INFECTIOUS SUBSTANCE, SOLID, N.O.S. or UN3082, ENVIRONMENTALLY</li> <li>HAZARDOUS SUBSTANCE, SOLID, N.O.S. or UN3077, ENVIR</li></ul></li></ul>
ransport by sea	
ransport document description (IMDG) JN-No. (IMDG) Proper Shipping Name (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III : 3082 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IMDG)	: 9 - Miscellaneous dangerous substances and articles
Packing group (IMDG)	: III - substances presenting low danger
imited quantities (IMDG)	: 5L
ir transport	
ransport document description (IATA) IN-No. (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III : 3082
roper Shipping Name (IATA)	: 3082 : Environmentally hazardous substance, liquid, n.o.s.
Class (IATA)	: 9 - Miscellaneous Dangerous Goods

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### SECTION 15: Regulatory information

15.1. US Federal regulations

#### TITANIUM DIOXIDE (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

ACA BUILT CONFORMED ASTM D 4236	This product has been evaluated by a toxicologist and labelled for acute and chronic health hazards in accordance with the Labelling of Hazardous art materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substance Act. This product conforms to ASTM D-4236 Standard Practice for Labelling Art Materials. This product has been certified by ACMI (Artist) Craft Material Institute, Inc.) to carry the AP (Approved) seal, meaning this product bears no chronic or acute human health hazards.
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#### 15.2. International regulations

CANADA No additional information available

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EU-Regulations No additional information available

**National regulations** 

15.3. US State regulations

## SECTION 16: Other information according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date	: 12/09/2020
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

US SDS LHAMA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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