#### 01451-1190

# **SAFETY DATA SHEET**

4119

	4119
Section 1. Identifie	cation
Product name	: KRYLON® CHALKY FINISH Paint Dark Brown Wax
Product code	: 4119
Other means of identification	: Not available.
Product type	: Aerosol.
<u>Relevant identified uses of t</u>	he substance or mixture and uses advised against
Paint or paint related material.	
Manufacturer	: Krylon Products Group 101 W. Prospect Avenue Cleveland, OH 44115
Emergency telephone number of the company	: US / Canada: (216) 566-2917 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
Product Information Telephone Number	: US / Canada: (800) 457-9566 Mexico: Not Available
Regulatory Information Telephone Number	: US / Canada: (216) 566-2902 Mexico: Not Available
Transportation Emergency Telephone Number	: US / Canada: (216) 566-2917 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
Section 2. Hazard	s identification
OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	<ul> <li>FLAMMABLE AEROSOLS - Category 1 GASES UNDER PRESSURE - Compressed gas SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 62.4% (oral), 62.4% (dermal), 62.4% (inhalation)</li> </ul>
GHS label elements	
Hazard pictograms	
Signal word	: Danger

# Section 2. Hazards identification

Hazard statements	<ul> <li>Extremely flammable aerosol.</li> <li>Contains gas under pressure; may explode if heated.</li> <li>May be fatal if swallowed and enters airways.</li> <li>May cause respiratory irritation.</li> <li>May cause drowsiness or dizziness.</li> <li>Causes damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Use only outdoors or in a well-ventilated area. Do not breathe dust or mist. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Pressurized container: Do not pierce or burn, even after use.
Response	: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
Storage	: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Keep container tightly closed.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
	This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.
	Please refer to the SDS for additional information. Keep out of reach of children. Keep upright in a cool, dry place. Do not discard empty can in trash compactor.
Hazards not otherwise classified	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

# Section 3. Composition/information on ingredients

#### Substance/mixture Other means of identification

: Mixture : Not available.

## CAS number/other identifiers

Ingredient name	% by weight	CAS number
Light Aliphatic Hydrocarbon	≥25 - ≤50	64742-47-8
Propane	≥10 - ≤25	74-98-6
Butane	≥10 - ≤25	106-97-8
Med. Aliphatic Hydrocarbon Solvent	≤3	64742-88-7
Paraffin Wax	≤3	8002-74-2
Light Aromatic Hydrocarbons	<1	64742-95-6
trimethylbenzene	≤0.3	25551-13-7
1,3,5-Trimethylbenzene	≤0.3	108-67-8
1,2,4-Trimethylbenzene	≤0.3	95-63-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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# Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

# Section 4. First aid measures

Description of necessary first aid measures		
Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell.	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	
Skin contact	<ul> <li>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse.</li> </ul>	
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	

#### Most important symptoms/effects, acute and delayed

Potential acute health eff	ects
Eye contact	: No known significant effects or critical hazards.
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.</li> </ul>
Skin contact	: No known significant effects or critical hazards.
Ingestion	<ul> <li>Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.</li> </ul>
Over-exposure signs/sym	<u>iptoms</u>
Eye contact	<ul> <li>Adverse symptoms may include the following: irritation redness</li> </ul>
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: No specific data.
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# Section 4. First aid measures

Ingestion	: Adverse symptoms may include the following: nausea or vomiting
Indication of immediate med	dical attention and special treatment needed, if necessary
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

# See toxicological information (Section 11)

<u>Extinguishing media</u>	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Remark	: Flammable aerosol.

# Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Evacuate su entering. Ir escape of th ruptured, tre section. Do flares, smol adequate ve	hall be taken involving an urrounding areas. Keep in the case of aerosols be ne pressurized contents eat as a bulk material sp o not touch or walk throug king or flames in hazard entilation. Wear appropri ate personal protective e	unnecessary and un ing ruptured, care sh and propellant. If a l illage according to th gh spilled material. S area. Avoid breathir iate respirator when	protected perse nould be taken arge number o e instructions in Shut off all ignit ig vapor or mis	onnel from due to the f container n the clear ion source t. Provide	rapid rs are n-up rs. No
For emergency responders		d clothing is required to n suitable and unsuitable personnel".				
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# Section 6. Accidental release measures

#### : This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow **Environmental precautions** this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

Precautions for safe handling	
Protective measures	Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not breathe vapor or mist. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Protect from sunlight. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### **Control parameters Occupational exposure limits (OSHA United States)**

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Ingredient name	CAS #	Exposure limits
-	64742-47-8	ACGIH TLV (United States, 1/2022).
Light Aliphatic Hydrocarbon	64/42-47-8	ACGIN TLV (United States, 1/2022). [Kerosene as total hydrocarbon vapor] Absorbed through skin. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Propane	74-98-6	NIOSH REL (United States, 10/2020). TWA: 1000 ppm 10 hours. TWA: 1800 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 1000 ppm 8 hours. TWA: 1800 mg/m <sup>3</sup> 8 hours. ACGIH TLV (United States, 1/2022). Oxygen Depletion [Asphyxiant]. Explosive potential.
Butane	106-97-8	NIOSH REL (United States, 10/2020). TWA: 800 ppm 10 hours. TWA: 1900 mg/m <sup>3</sup> 10 hours. ACGIH TLV (United States, 1/2022). [Butane isomers] Explosive potential. STEL: 1000 ppm 15 minutes.
Med. Aliphatic Hydrocarbon Solvent	64742-88-7	OSHA PEL (United States, 5/2018). [Naphtha (Coal tar)] TWA: 100 ppm 8 hours. TWA: 400 mg/m <sup>3</sup> 8 hours.
Paraffin Wax	8002-74-2	ACGIH TLV (United States, 1/2022). [Paraffin wax fume] TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Fume NIOSH REL (United States, 10/2020). [PARAFFIN WAX FUME] TWA: 2 mg/m <sup>3</sup> 10 hours. Form: Fume
Light Aromatic Hydrocarbons trimethylbenzene	64742-95-6 25551-13-7	None. ACGIH TLV (United States, 1/2022). [trimethyl benzene, isomers] TWA: 10 ppm 8 hours. TWA: 123 mg/m <sup>3</sup> 8 hours.
1,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 1/2022). [trimethyl benzene, isomers] TWA: 10 ppm 8 hours. TWA: 123 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2020). TWA: 25 ppm 10 hours. TWA: 125 mg/m <sup>3</sup> 10 hours.
1,2,4-Trimethylbenzene	95-63-6	NIOSH REL (United States, 10/2020). TWA: 25 ppm 10 hours. TWA: 125 mg/m <sup>3</sup> 10 hours. ACGIH TLV (United States, 1/2022). TWA: 10 ppm 8 hours.

# Section 8. Exposure controls/personal protection

Occupational exposure limits (Canada)

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Ingredient name	CAS #	Exposure limits
Petroleum refining, hydrotreated light distillate	64742-47-8	CA British Columbia Provincial (Canada, 6/2022). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. Notes: Application restricted to conditions in which there are negligible aerosol exposures. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapour) 8 hours. CA Alberta Provincial (Canada, 6/2018). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. 8 hrs OEL: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapour) 8 hours. CA Ontario Provincial (Canada, 6/2019). Absorbed through skin. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapour) 8 hours.
Normal propane	74-98-6	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 1000 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). TWAEV: 1000 ppm 8 hours. TWAEV: 1800 mg/m <sup>3</sup> 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 1250 ppm 15 minutes. TWA: 1000 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). Oxygen Depletion [Asphyxiant]. Explosive potential. CA Ontario Provincial (Canada, 6/2019).
Butane	106-97-8	Oxygen Depletion [Asphyxiant]. Explosive potential. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 1000 ppm 8 hours.
		<ul> <li>CA Quebec Provincial (Canada, 6/2022).</li> <li>TWAEV: 800 ppm 8 hours.</li> <li>TWAEV: 1900 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). [Butane all isomers]</li> <li>STEL: 1250 ppm 15 minutes.</li> <li>TWA: 1000 ppm 8 hours.</li> <li>CA British Columbia Provincial (Canada, 6/2022). [butane, all isomers] Explosive potential.</li> <li>STEL: 1000 ppm 15 minutes.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>[Butane, All isomers] Explosive potential.</li> <li>STEL: 1000 ppm 15 minutes.</li> </ul>
Medium aliphatic solvent naphtha (petroleum) C9-C12	64742-88-7	CA Ontario Provincial (Canada, 6/2019). [Mineral Spirits] TWA: 525 mg/m³ 8 hours.

# Section 8. Exposure controls/personal protection

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		CAS #	Exposure limits
Light Aliphatic Hydrocarbon		64742-47-8	ACGIH TLV (United States, 1/2022). [Kerosene as total hydrocarbon vapor] Absorbed through skin. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Propane		74-98-6	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 1000 ppm 8 hours.
Butane		106-97-8	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 1000 ppm 8 hours.
Appropriate engineering controls	other engineering recommended or s	controls to keep wo statutory limits. The centrations below ar	se process enclosures, local exhaust ventilation or rker exposure to airborne contaminants below any engineering controls also need to keep gas, ny lower explosive limits. Use explosion-proof
Environmental exposure controls	<ul> <li>This product con this product to en</li> </ul>	tains a Significant nter drains, sewers	New Use Rule (SNUR) Chemical. Do not allow s, wastewater treatment systems, groundwate onmental Data Sheet (EDS) for additional
	they comply with th cases, fume scrub	he requirements of obers, filters or engin	ocess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process equipment s to acceptable levels.
ndividual protection measu	ures		
Hygiene measures	eating, smoking an Appropriate techni Wash contaminate	nd using the lavator iques should be use	bughly after handling chemical products, before y and at the end of the working period. ed to remove potentially contaminated clothing. eusing. Ensure that eyewash stations and safety location.
Eye/face protection	assessment indica gases or dusts. If	ates this is necessar contact is possible,	proved standard should be used when a risk ry to avoid exposure to liquid splashes, mists, the following protection should be worn, unless gree of protection: safety glasses with side-
Skin protection			
Hand protection	worn at all times w necessary. Considuring use that the noted that the time glove manufacture	when handling chem dering the paramete e gloves are still reta e to breakthrough fo ers. In the case of n	s complying with an approved standard should be ical products if a risk assessment indicates this is ers specified by the glove manufacturer, check aining their protective properties. It should be or any glove material may be different for different nixtures, consisting of several substances, the e accurately estimated.
Body protection	: Personal protectiv performed and the handling this produ- static protective cl	e equipment for the risks involved and uct. When there is a	body should be selected based on the task being should be approved by a specialist before a risk of ignition from static electricity, wear anti- atest protection from static discharges, clothing
Other skin protection	: Appropriate footwe	ear and any additior being performed ar	nal skin protection measures should be selected nd the risks involved and should be approved by a

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# Section 8. Exposure controls/personal protection

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### Appearance

Appearance		
Physical state	1	Liquid.
Color	:	Brown.
Odor	:	Not available.
Odor threshold	:	Not available.
рН	1	Not applicable.
Melting point/freezing point	:	Not available.
Boiling point, initial boiling point, and boiling range	-	Not available.
Flash point	:	Closed cup: -29°C (-20.2°F) [Pensky-Martens Closed Cup]
Evaporation rate	:	0.13 (butyl acetate = 1)
Flammability	:	Flammable aerosol.
Lower and upper explosion limit/flammability limit	;	Lower: 1% Upper: 9.5%
Vapor pressure	:	101.3 kPa (760 mm Hg)
Relative vapor density	:	1.55 [Air = 1]
Relative density	:	0.71
Solubility(ies)	:	
Media		Result
cold water		Not soluble
Partition coefficient: n- octanol/water	:	Not applicable.
Auto-ignition temperature	:	Not available.
<b>Decomposition temperature</b>	:	Not available.
Viscosity	:	Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)
Molecular weight	:	Not applicable.
Aerosol product		
Type of aerosol	:	Spray
Heat of combustion	:	34.911 kJ/g
Section 10. Stabili	ty	and reactivity
Reactivity	4	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Avoid all possible sources of ignition (spark or flame).

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# Section 10. Stability and reactivity

#### Incompatible materials :

: No specific data.

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

## Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Butane	LC50 Inhalation Vapor	Rat	658000 mg/m <sup>3</sup>	4 hours
Light Aromatic Hydrocarbons	LD50 Oral	Rat	8400 mg/kg	-
trimethylbenzene	LD50 Oral	Rat	8970 mg/kg	-
1,3,5-Trimethylbenzene	LC50 Inhalation Vapor	Rat	24000 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	5000 mg/kg	-
1,2,4-Trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	5 g/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Paraffin Wax	Eyes - Mild irritant	Rabbit	-	24 hours 100	- 💙
				mg	
	Eyes - Mild irritant	Rabbit	-	50 %	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
Light Aromatic Hydrocarbons	Eyes - Mild irritant	Rabbit	-	24 hours 100	-
				uL	
trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
1,3,5-Trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	

### Sensitization

Not available.

#### **Mutagenicity**

Not available.

Carcinogenicity Not available.

Reproductive toxicity Not available.

**Teratogenicity** 

Not available.

Specific target organ toxicity (single exposure)

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# Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Propane	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Butane	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Med. Aliphatic Hydrocarbon Solvent	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Light Aromatic Hydrocarbons	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
1,3,5-Trimethylbenzene	Category 3	-	Respiratory tract irritation
1,2,4-Trimethylbenzene	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 2	-	-
Propane	Category 2	-	-
Butane	Category 2	-	-
Med. Aliphatic Hydrocarbon Solvent	Category 1	-	-
Light Aromatic Hydrocarbons	Category 2	-	-

Aspiration hazard	
Name	Result
Light Aliphatic Hydrocarbon	ASPIRATION HAZARD - Category 1
Propane	ASPIRATION HAZARD - Category 1
Butane	ASPIRATION HAZARD - Category 1
Med. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
trimethylbenzene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1

#### Information on the likely : Not available.

## routes of exposure

# Potential acute health effects

Eye contact	known significant effects or critical hazards.	
Inhalation	n cause central nervous system (CNS) depression. May cause drowsiness or ziness. May cause respiratory irritation.	
Skin contact	known significant effects or critical hazards.	
Ingestion	in cause central nervous system (CNS) depression. May be fatal if swallowed a ters airways.	ind

#### Symptoms related to the physical, chemical and toxicological characteristics

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Eye contact	: Adverse symptoms may include the following: irritation
Inhalation	redness Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: No specific data.
Ingestion	: Adverse symptoms may include the following: nausea or vomiting
<u>Delayed and immediate ef</u>	fects and also chronic effects from short and long term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Potential chronic health e</u>	ffects
Not available.	
General	: Causes damage to organs through prolonged or repeated exposure.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
Numerical measures of to	xicity
Acute toxicity estimates	

# Section 11 Toxicological information

# Section 12. Ecological information

**Toxicity** 

Not available.

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# Section 12. Ecological information

	-		
Product/ingredient name	Result	Species	Exposure
Light Aliphatic Hydrocarbon	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days 🥄
trimethylbenzene	Acute LC50 5600 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
1,3,5-Trimethylbenzene	Acute LC50 13000 μg/l Marine water	Crustaceans - Cancer magister - Zoea	48 hours
	Acute LC50 12520 µg/l Fresh water	Fish - Carassius auratus	96 hours
	Chronic NOEC 0.4 mg/l Fresh water	Daphnia - Daphnia magna	21 days
1,2,4-Trimethylbenzene	Acute LC50 4910 μg/l Marine water	Crustaceans - Elasmopus pectenicrus - Adult	48 hours
	Acute LC50 7720 μg/l Fresh water	Fish - Pimephales promelas	96 hours

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Light Aromatic Hydrocarbons	-	-	Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Light Aromatic Hydrocarbons	-	10 to 2500	high
1,3,5-Trimethylbenzene	-	161 243	low low
1,2,1 1111001131801120110		210	

#### Mobility in soil

Soil/water partition	
coefficient (Koc)	

: Not available.

Other adverse effects	: No known significant effects or critical hazards.
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# Section 13. Disposal considerations

Disposal methods	This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.
	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

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Section 14.	Transport info	ormation			
	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	UN1950	UN1950	UN1950	UN1950	UN1950
UN proper shipping name	AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS, flammable	AEROSOLS
Transport hazard class(es)	2.1	2.1	2.1	2.1	2.1
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	- ERG No. 126	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.13-2.17 (Class 2). <b>ERG No.</b> 126 Dependent upon	- ERG No. 126 Dependent upon	-	<u>Emergency</u> <u>schedules</u> F-D, S- U
	Dependent upon container size, this product may ship under the Limited Quantity shipping exception.	Dependent upon container size, this product may ship under the Limited Quantity shipping exception.	Dependent upon container size, this product may ship under the Limited Quantity shipping exception.	Dependent upon container size, this product may ship under the Limited Quantity shipping exception.	Dependent upon container size, this product may ship unde the Limited Quantity shipping exception.
Special precautions ransport in bulk ac o IMO instruments	conside mode o suitably to shipr of the p danger and on	odal shipping descrip r container sizes. Th f transport (sea, air, o for that mode of tran nent, and compliance erson offering the pro- bus goods must be tr all actions in case of able.	e presence of a ship etc.), does not indica asport. All packaging with the applicable oduct for transport. I rained on all of the ri	pping description for ate that the product i g must be reviewed f regulations is the so People loading and u sks deriving from the	a particular s packaged or suitability prior ble responsibility inloading
	Proper s	hipping name	: Not available.		
Section 15.	Regulatory in	formation			
J.S. Federal regula	<u>List name</u> United Sta		cal name <u>No</u>	kanes, C20-28, chloi <u>tes</u> CFR 721.11068	o T
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# Section 15. Regulatory information

This product contains a Significant New Use Rule (SNUR) Chemical. Do not allow this product to enter drains, sewers, wastewater treatment systems, groundwater, streams, lakes or ponds. See Environmental Data Sheet (EDS) for additional details.

### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

#### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations	
International lists	: Australia inventory (AIIC): Not determined.
	China inventory (IECSC): Not determined.
	Japan inventory (CSCL): Not determined.
	Japan inventory (ISHL): Not determined.
	Korea inventory (KECI): Not determined.
	New Zealand Inventory of Chemicals (NZIoC): Not determined.
	Philippines inventory (PICCS): Not determined.
	Taiwan Chemical Substances Inventory (TCSI): Not determined.
	Thailand inventory: Not determined.
	Turkey inventory: Not determined.
	Vietnam inventory: Not determined.

## Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

	Classification	Justification			
	FLAMMABLE AEROSOLS - Category 1				
SPECIFIC TARGET ORG	GASES UNDER PRESSURE - Compressed gas SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract				
	irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -				
	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1				
ASPIRATION HAZARD - C	ategory 1	Calculation method			
<u>History</u>					
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wax

# Section 16. Other information

Key to abbreviations	: ATE = Acute Toxicity Estimate
-	BCF = Bioconcentration Factor
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
	N/A = Not available
	SGG = Segregation Group
	UN = United Nations
🔽 lucilia etc.e. infermenticus	that has showned from municipality is an alternative

Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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