



Safety Data Sheet

Issuing Date 27-Apr-2015

Revision Date 27-Apr-2015

Version 6

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code 70601350
Product name KEYPLAST™ VIOLET IRS

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Keystone Corporate Office	Keystone Liquid Manufacturing and Technical Facility
2501 W Fulton Street	2165 Highway 292
Chicago, IL 60612	Inman, SC 29349
	Ph 864 473-1601

Ph 312-666-2015
Ph 1-800-522-4393

Emergency Telephone Number

USA: 1-800-255-3924
China: (400-1)-400-120-0751
Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Violet

Physical State Powder

Odor None

precautionary statements

P281 - Use personal protective equipment as required
P262 - Do not get in eyes, on skin, or on clothing
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

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OTHER INFORMATION**Unknown Acute Toxicity**

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/Information on Ingredients

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

4. First aid measures**First aid measures for different exposure routes**

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash skin with soap and water.
INHALATION	Move to fresh air.
INGESTION	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed**Main Symptoms** No information available.**Indication of immediate medical attention and special treatment needed, if necessary****Notes to physician** Treat symptomatically.**5. Fire-fighting measures****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.**Specific Hazards Arising from the Chemical**

No information available.

Explosion Data**Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures****Personal Precautions** Avoid contact with the skin and the eyes. Use personal protective equipment. For personal protection see section 8. Ensure adequate ventilation.**Environmental Precautions****Environmental Precautions** Prevent further leakage or spillage if safe to do so.**Methods and materials for containment and cleaning up**

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Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling	Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.
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Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions	Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.
Incompatible Products	None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
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Exposure Controls

Engineering Measures	Showers Eyewash stations Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection.
Skin and Body Protection	Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

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Physical State	Powder	Odor	None
appearance	Violet		
odor threshold	No information available		
Property	VALUES	Remarks • Method	
pH	7.00	typical	
melting point	171 °C / 340 °F	N/A	
Boiling point/boiling range	No information available		
Flash Point	No information available	Not applicable	
Evaporation Rate	no data available		
flammability (solid, gas)	no data available	no data available	
Flammability Limits in Air			
Upper Flammability Limit	No information available		
Lower Flammability Limit	No information available		
vapor pressure	No information available		
Vapor Density	No information available		
Specific gravity	0.25 g/cm3	N/A	
Solubility in Other Solvents	No information available		
Partition coefficient: n-octanol/water	No information available		
Autolgnition Temperature	No Data Available	N/A	
decomposition temperature	No information available		
Kinematic viscosity	No Data Available		
Dynamic viscosity	No information available		
Explosive Properties	No information available		
Oxidizing properties	No information available		
<u>OTHER INFORMATION</u>			
softening point	No information available		
Molecular Weight			
VOC Content(%)	No information available.		
density	No information available		

10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
INHALATION	Avoid breathing vapors or mists.
Eye Contact	Avoid contact with eyes.

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Skin Contact	Avoid contact with skin.
INGESTION	Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization	No information available.
Germ cell mutagenicity	No information available.
carcinogenicity	No information available.
Reproductive Toxicity	No information available.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Aspiration Hazard	No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods	Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).
Contaminated Packaging	Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

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IATA
Description NOT REGULATED

IMDG
Description NOT REGULATED

RID

ADN

15. Regulatory Information

International Inventories

TSCA	Listed
EINECS/ELINCS	Listed
DSL	Listed
NDSL	Not Determined
PICCS	Listed
ENCS	Listed
IECSC	Listed
AICS	Listed
KECL	Listed
NZIoC	Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 AICS - Australian Inventory of Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 NZIoC - New Zealand Inventory of Chemicals

REACH registration number Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

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Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

International regulations

CANADA

WHMIS Note

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS	Health Hazard 1	flammability 1	Physical hazard 0	PERSONAL PROTECTION F
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16. Other information

Revision Date	27-Apr-2015
Revision note	No information available.
Restrictions on use	No information available.
Contact Information Website	WWW.DYES.COM.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

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Premium Wax

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Revision Date: 01-2015

MSDS #: 107

MATERIAL SAFETY DATA SHEET

YALEY ENTERPRISES, INC.
 7654 Avianca Drive
 Redding, CA 96002

For information call:

Phone: 714-228-1999

Fax: 714-228-1990

Emergency Telephone Number: 714-228-1999

Transportation Emergency: CHEMTRACK 949-246-9772

SECTION 1 PRODUCT INFORMATION

Product Identification: AM WAX FR 58/60 (1410 & 1420 solid)

Chemical Description: Fully Refined Paraffin Wax CAS NUMBER: 64742-61-6

SECTION 2 HAZARDOUS INGREDIENTS

Materials or ingredients in Hazardous concentrations: NONE As defined under the following :

(1) US OSHA Hazard Communication Standard (29 C.F.R. 1910.20) (2) Canadian Hazard Products Act (S.C. 1987, c.30 (Part 1)) (3) No classification under 67/548/EEC.

SECTION 3 HEALTH HAZARD DATA

This Information on effects of overexposure is consistent with the requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Inhalation:** Avoid inhalation of fumes as they may cause mild upper respiratory irritation. Threshold exposure limit for wax fumes is 2mg/m3. **Eye Contact:** Molten wax fumes may slightly irritate eyes with prolonged contact. **Skin Contact:** Molten wax may result in thermal burns with contact. **Ingestion:** If swallowed wax may cause gastrointestinal disturbances.

SECTION 4 EMERGENCY & FIRST AID PROCEDURES

(1) **Eye Contact:** Under contact with molten wax, flush immediately with flowing water and consult physician. (2) **Skin Contact:** Wash skin with soap and water under normal conditions. If burned with molten wax, contact physician immediately. (3) **Inhalation:** Immediately obtain fresh air and if necessary administer oxygen. (4) **Ingestion:** Product is not acutely toxic but in necessary consult a physician.

SECTION 5 FIRE & EXPLOSION HAZARD DATA

Flash Point: > 204C (400F) **Testing Method:** D-92 **Autoignition Temp.:** AP 750degrees F(est)
Extinguishing Media: Use water spray or fog, alcohol-type foam, dry chemical or CO2. Do not use water, product will float and can be reignited.

Fire fighting procedures and precautions: An approved self-contained breathing apparatus with full face piece operated in pressure-demand mode is necessary. Non-flammable apparel including helmet, bunker coats, gloves, and rubber boots is required when entering confined fire space. Keep fire exposed containers cool with water.

SECTION 6 SPILL & LEAK PROCEDURES

Procedures in the event of spilled or released: Remove all sources of ignition. Notify authorities, contain spill, and do not let spilled wax enter sewers or watercourses. Absorb with clay or sand or other appropriate material. If spill is in the molten form, confine spill until it solidifies and then recover as solid. Material can be placed in drums or other suitable container for proper disposal in compliance with Federal, State, and Local regulations. Refer to Section 3, section 8, and section 10 for other information.

SECTION 7 STORAGE & HANDLING

Material will remain stable for over one year when stored in proper conditions. Material should be stored away from extreme temperature and direct sunlight as these conditions may change properties of material especially color. Overheating wax in molten condition or maintaining material at elevated temperatures for extended periods of time may cause discoloration and oxidation. Specified materials are required for bulk storing tanks and product systems.

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SECTION 8 EMPLOYEE PROTECTION

- (1) **Respiratory protection:** Under normal operating conditions, not needed. In case of emergency, use NIOSH-approved respiration when required.
- (2) **Ventilation:** Use of local exhaust to capture vapor, mist, or fumes is recommended. Ventilation should be sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations in the air.
- (3) **Protective Clothing:** Chemical resistant gloves and chemical goggles are recommended when handling material for protection against skin contact.

SECTION 9 PHYSICAL DATA

Product CAS # 64742-61-6
Appearance: white solid
Odor: mild petroleum order
Melt Point: 58C
Specific Gravity: .868 water = 1
PH: N/A
Vapor Pressure (mm Hg): < 0.01 @ 25C
Vapor Density (air = 1): >5
Boiling Point: > 300C
Solubility in Water (20C): <0.1%
Evaporation Rate (Butyl Acetate): <0.01
Volatiles (By Volume): <0.01%
Coeff. Water/Oil Distribution: <0.01

SECTION 10 STABILITY & REACTIVITY

Stability: Stable. Will not react violently with water.
Conditions to Avoid: Sources of ignition.
Incompatible Materials: May react with strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, etc., as this presents a serious explosion hazard.
Hazardous Decomposition Products: Combustion may produce carbon monoxide and other asphyxiants.
Hazardous Polymerization: will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Studies: Product has a low order of acute and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.
Eye Effects: Product contacting eyes may cause eye irritation.
Skin Effects: Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an irritant by OSHA criteria.
Acute Oral Effects: Product has a low order of acute and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
Acute Inhalation Effects: Product has a low order of acute dermal toxicity, but minute amount aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.

In accordance with the current OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning. This is because the product is formulated from base stocks which are severely hydrotreated, severely solvent extracted, and or processed by a mild hydrotreatment and extraction. Alternatively, it may consist of components not otherwise affected by IARC criteria, such

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as atmospheric distillates and synthetically derived materials, and as such is not characterized by current IARC classification criteria.

SECTION 12 ECOLOGICAL INFORMATION

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming. This material is a solid at ambient conditions, and should not present a major hazard to groundwater if spilled.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal method: All disposals must comply with federal, state, and local regulations. Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewer. DO NOT dispose of this product in a landfill without prior solidification. Department of Transportation (DOT) Regulations may apply for transporting this material when spilled. Materials should be recycled if possible. Consider waste brokering.

SECTION 14 TRANSPORTATION INFORMATION

Department of Transportation Classification: Not hazardous if shipped at a temperature below 212F:
Hazard Class: III B

DOT identification number: Not applicable if shipped at a temperature below 212F.

Special transportation Note: If shipped at over 212F in containers of over 118.9 gallons capacity, this substance will be regulated as a DOT Hazardous Substance with the following shipping description: "Elevated Temperature liquid, N.O.S., 9, UN3257, PG III."

This product is considered an oil under 49 CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3,500 gallons or more, it is subject to the requirements of Part 130.

Waste Disposal Methods: See section 13.

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATORY INFORMATION:

SARA 302 Threshold Planning Quantity: Not applicable

SARA 304 Reportable quantity: Not applicable

SARA 311 Categories: Immediate (acute) health effects: N

Delayed (Chronic) health effects: N

Fire Hazard: N

Sudden Release of Pressure Hazard: N

Reactivity Hazard: N

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSTION AND LIABILTY ACT.

(CERCLA): No chemicals in this product are subject to the reporting requirements of CERCLA.

SARA TITLE III – SECTION 313 SUPPLIER NOTIFICATION: No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

EUROPEAN (ECC) REGULATORY INFORMATION: This product is listed on the European Inventory of existing commercial substances.

STATE/CANADIAN REGULATORY INFORMATION: No components of this material require labeling under California Proposition 65. None of the product's components are listed on the states lists from CA, FL, MA, MN, NJ, PA or on the Canadian Controlled Product Ingredient Disclosure List.

DOT: Not regulated if shipped below 212F.

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SECTION 16 OTHER INFORMATION**DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:**

The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend not warranties and make no representations as to the accuracy or completeness of the information contained therein and assume no responsibility regarding the suitability of this information for the user's intended purpose or the consequence of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).