

# SAFETY DATA SHEET (SDS)

MATERIAL NAME: **CHROMA LOW VOC ODORLESS SOLVENT**

LAST REVISION: **3/02/2021**

## SECTION 1 – IDENTIFICATION

### Material Name

CHROMA LOW VOC ODORLESS SOLVENT

### Product Description

Isopar M Fluid

### Product Number

Various

(All information the same for all sizes.)

### Intended Use

Solvent

### Company Information

Chroma Inc.

205 Bucky Drive

Lititz, PA 17543

USA

Phone: 717-626-8866 ; 800-257-8278

Fax: 717-626-9292

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Website: [www.chromaonline.com](http://www.chromaonline.com)

For Health Emergencies Call the Poison Control Center: 1-888-516-2502

Seek medical assistance for further treatment, observation and support, if necessary.

## SECTION 2 – HAZARDS IDENTIFICATION

### Physical Hazards

Not classified.

### Health Hazards

Aspiration hazard. Category 1

### Environmental Hazards

Not classified.

### OSHA Defined Hazards

Not classified.

### Label

#### Pictogram:



#### Signal Word

Danger

#### Hazard Statement

May be fatal if swallowed and enters airways.

## Precautionary Statement

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	If swallowed, immediately call a poison center / doctor. Do NOT induce vomiting.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents / container in accordance with local / regional / national / international regulations.

**Hazards (s) not otherwise classified (HNOC):** Combustible

**Supplemental Information** 100% of the mixture consists of component(s) of unknown acute oral toxicity. 100% of the mixture consists of component(s) of unknown acute dermal toxicity. 100% of the mixture consists of component(s) of unknown acute inhalation toxicity.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS#	Concentration*
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	100%

## SECTION 4 – FIRST AID MEASURES

### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

### Skin Contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

### Eye Contact

Rinse with water. Get medical attention if irritation develops and persists.

### Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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

Aspiration may cause pulmonary edema and pneumonitis.

### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### General information

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## SECTION 5 – FIRE FIGHTING MEASURES

### **Suitable extinguishing media**

Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

### **Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

### **Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed.

### **Special protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### **Fire fighting equipment / instructions**

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

### **Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

### **General fire hazards**

Combustible. No unusual fire or explosion hazards noted.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill / leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### **Methods and materials for containment and cleaning up**

Use water spray to reduce vapors or divert vapor cloud drift.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.  
For waste disposal, see section 13 of the SDS.

### **Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

## SECTION 7 – HANDLING & STORAGE

### Precautions for safe handling

Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat and sources, of ignition. Store in original tightly closed container. Store away from incompatible materials, (see Section 10 of the SDS.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

No exposure limits noted for ingredient(s)

### Biological limit values

No biological exposure limits noted for the ingredient(s)

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

The following are recommendations for Personnel Protective Equipment (PPE). The employer / user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

**Eye / face protection** Face shield is recommended. Wear safety glasses with side shields (or goggles).

**Skin / hand protection** Wear appropriate chemical resistant gloves.  
Suitable gloves can be recommended by the glove supplier.

**Other** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards** Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and / or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical State</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Clear Colorless

**Odor** Faint

**Odor Threshold** Not available

**pH** Not available

**Melting point / freezing point** -141 °F (-96.11 °C)

**Initial boiling point and boiling range** Not available

**Flash point** 207.0 °F (97.2 °C)

**Evaporation rate** Not available

**Flammability (solid, gas)** Not applicable

### Upper / lower flammability or explosive limits

<b>Flammability limit – lower (%)</b>	Not available
<b>Flammability limit –upper (%)</b>	Not available
<b>Explosive limit – lower (2%)</b>	Not available
<b>Explosive limit – upper (%)</b>	Not available

**Vapor pressure** Not available

**Vapor density** Not available

**Relative density** Not available

**Solubility (water)** Not available

**Partition coefficient  
(n-octanol / water)** Not available

**Auto-ignition temperature** Not available

**Decomposition temperature** Not available

**Viscosity** Not available

## Other information

Density	6.56 lbs. / gal
Explosive properties	Not explosive
Flammability class	Combustible IIIB estimated
Heat of combustion (NFPA 30B)	41.2 kJ/g
Oxidizing properties	Not oxidizing
Specific gravity	0.79

## SECTION 10 – STABILITY AND REACTIVITY

### Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### Chemical stability

Material is stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use.

### Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

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

Aspiration may cause pulmonary edema and pneumonitis.

### Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways.
Skin corrosion / irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage / eye irritation	Direct contact with eyes may cause temporary irritation.

## Respiratory or skin sensitization

### Respiratory sensitization Skin sensitization

Not a respiratory sensitizer.  
This product is not expected to cause skin sensitization.

## Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

## Carcinogenicity

Not classifiable as to carcinogenicity to humans.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

## Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

## Specific target organ toxicity – single exposure

Not classified.

## Specific target organ toxicity – repeated exposure

Not classified.

## Aspiration hazard

May be fatal if swallowed and enters airways.

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Aquatic</b>		
Fish	LC50	Rainbow trout, Donaldson trout (Oncorhynchus mykiss)
		2.9 mg / l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	
<b>Bioaccumulative potential</b>	No data available.	
<b>Mobility in soil</b>	No data available.	
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

## SECTION 13 – DISPOSAL CONSIDERATIONS

### Disposal instructions

Collect and reclaim or dispose in sealed containers, at licensed waste disposal site. Dispose of contents / container in accordance with local / regional / national / international regulations.

### Local disposal regulations

Dispose in accordance with all applicable regulations.

### Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

### Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14 – TRANSPORTATION INFORMATION

### DOT

Not regulated as dangerous goods.

Transport information on packaging may be different from that listed.

### IATA

Not regulated as dangerous goods.

### IMDG

UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine Pollutant	No.
EmS	F-A, S-F
Special precautions for user	Read safety instructions, SDS and emergence procedures before handling.



IMDG



## SECTION 15 – REGULATORY INFORMATION

### US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

#### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

#### **SARA 304 Emergency release notification**

Not regulated.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1062)**

Not regulated.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

SARA 302 Extremely hazardous substance

Not listed.

#### **SARA 311 / 312 Hazardous chemical**

##### **Classified hazard**

##### **Categories**

Yes

Flammable (gases, aerosols, liquids, or solids)

Aspiration hazard

#### **SARA 313 (TRI reporting)**

Not regulated.

### **Other Federal Regulations**

#### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

#### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

#### **Safe Drinking Water Act (SDWA)**

Not regulated.

## US State Regulations

### California Proposition 65

California Safe Water and Toxic Enforcement Act of 2016 (Proposition 65). This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## International Inventories

Country(s) or region	Inventory name	On inventory (yes / no)*
Australia	Australian Inventory of Chemical Substances (AICS.)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Toxic Chemical Substances (TCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\* A "Yes" indicates that all contents of this product comply with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## SECTION 16 – OTHER INFORMATION

HMIS rating	Health: 3 Flammability: 2 Physical hazard: 0 Health: 0 Flammability: 1 Instability: 0
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All information the same for all sizes.