

Safety Data Sheet



**Section 1: Identification**

**Product identifier**

**Product Name** Hasco 503B Rust Preventative

**Relevant identified uses of the substance or mixture**

**Recommended use** Metal Protection

**Details of the supplier of the safety data sheet**

**Manufacturer** Hasco Oil Company Inc.  
2800 Temple Ave  
Long Beach, CA 90806  
United States  
www.hascooil.com

**Telephone (General)** (562) 595-8491

**Emergency telephone number**

**Manufacturer** (800) 424-9300 - Chemtrec USA

**Section 2: Hazard Identification**

**UN GHS**

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

**Classification of the substance or mixture**

**UN GHS** Skin Irritation 2  
Aspiration 1

**Label elements**

**UN GHS**

**DANGER**



**Hazard statements** Causes skin irritation  
May cause eye irritation  
May be fatal if swallowed and enters airways

## Precautionary Statements

**Prevention** Avoid breathing dust, fume, gas, mist, vapors and/or spray.  
Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

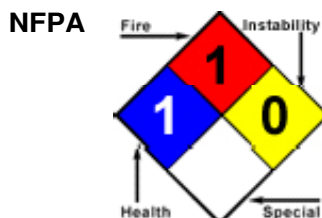
**Response** If on skin: Wash with plenty of soap and water.  
If exposed or concerned: Get medical advice/attention.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
If swallowed: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
Take off contaminated clothing and wash before reuse.

**Storage/Disposal** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Other hazards

**UN GHS** No data available

## Other information



## Section 3 - Composition/Information on Ingredients

### Substances

### Mixtures

Composition		
Chemical Name	Identifiers	%
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS:64742-54-7	40% TO 50%
Mineral Oil	Proprietary	< 5%
Calcium Sulfonate	Proprietary	<5%
Hydrotreated light paraffinic petroleum distillate (highly refined)	CAS:64742-55-8	40% TO 50%

## Section 4: First-Aid Measures

### Description of first aid measures

**Inhalation** If inhaled, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention.

**Skin** If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eye** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** Do not give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms and effects, both acute and delayed**

No data available

**Indication of any immediate medical attention and special treatment needed**

No data available

**Section 5: Fire-Fighting Measures**

**Extinguishing media**

**Suitable Extinguishing Media** In case of fire, use water fog, foam, dry chemicals, or carbon dioxide.

**Unsuitable Extinguishing Media** Do not use water jet.

**Firefighting Procedures** No actions 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. Keep unauthorized personnel away.

**Special hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards** No data available.

**Hazardous Combustion Products** No data available

**Advice for firefighters** Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**Section 6 - Accidental Release Measures**

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

**Personal Precautions** Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Follow all fire fighting procedures.

**Emergency Procedures** As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away.

**Environmental precautions**

Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures** If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

**Section 7 - Handling and Storage**

**Precautions for safe handling**

**Handling** Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Wash thoroughly after handling. Do not use or store near heat or open flame.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed. Keep container in a cool, well ventilated area. Empty containers may contain harmful and / or combustible vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards.

**Section 8 - Exposure Controls/Personal Protection**

**Control parameters**

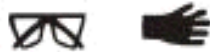
**Exposure Limits/Guidelines** No data available.

**Exposure controls**

**Engineering Measures/Controls** Prevent vapor build up by providing adequate ventilation during and after use.

**Personal Protective Equipment**

**Pictograms**



**Respiratory**

If vapors or mist is generated by heating, spraying, etc, wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

**Eye/Face**

Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes.

**Hands**

Wear protective gloves - gloves, and long sleeve clothing to minimize contact..

**Skin/Body**

Avoid contact with skin and clothing. Wear suitable protective clothing.

**General Industrial Hygiene Considerations**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Environmental Exposure Controls**

No data available

**Section 9 - Physical and Chemical Properties**

**Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Liquid
Color	Clear Brown.	Odor	Mild.
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Not relevant
<b>General Properties</b>			
Boiling Point	No Data Available	Melting Point	No Data Available
Decomposition Temperature	No Data Available	Heat of Decomposition	No Data Available
pH	Not relevant	Specific Gravity/Relative Density	0.85 @ 60 F(15.5 C)
Density	7.08 lbs/gal @ 77 F(25 C)	Bulk Density	No Data Available
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	< 20.5 Centistoke @ 104 F(40 C)	Explosive Properties	No Data Available
Oxidizing Properties:	No Data Available		
<b>Volatility</b>			
Vapor Pressure	No Data Available	Vapor Density	No Data Available
Evaporation Rate	No Data Available	VOC (Wt.)	No Data Available
VOC (Vol.)	23 g/L	Volatiles (Wt.)	No Data Available

Flash Point	>320 F(160 C) COC (Cleveland Open Cup)	UEL	No Data Available
LEL	No Data Available	Autoignition	No Data Available
Self-Accelerating Decomposition Temperature (SADT)	No Data Available	Heat of Combustion ( $\Delta H_c$ )	No Data Available
Burning Time	No Data Available	Flame Height	No Data Available
Flame Extension	No Data Available	Ignition Distance	No Data Available
Flame Duration	No Data Available	Flammability (solid, gas)	No Data Available

**Environmental**

Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant

**Section 10: Stability and Reactivity**

**Reactivity** No dangerous reaction known under conditions of normal use.

**Chemical stability** Stable

**Possibility of hazardous reactions** Hazardous polymerization not indicated.

**Conditions to avoid** Long term heat exposure

**Incompatible materials** This product may react with strong oxidizing agents.

**Hazardous decomposition products** Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide, carbon monoxide.

**Section 11 - Toxicological Information**

**Information on toxicological effects**

Components	
Mineral Oil (< 5%)	<p><i>Proprietary</i></p> <p><b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • &gt;5000 mg/kg; Ingestion/Oral-Rat LDLo • &gt;5 g/kg; Skin-Rabbit LD50 • &gt;2000 mg/kg; Skin-Rabbit LDLo • &gt;5 g/kg;  <b>Irritation:</b> Skin-Rabbit • 500 mg • Severe irritation;  <b>Mutagen:</b> Mutation in microorganisms • Unreported Route-Salmonella typhimurium • 10 <math>\mu</math>L/plate (+S9);  <b>Tumorigen / Carcinogen:</b> Skin-Mouse • 402 g/kg 78 Week(s)-Intermittent; <i>Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Tumors at site of application;</i> Skin-Mouse • 398 g/kg 22 Week(s)-Intermittent; <i>Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Tumors at site of application;</i> Skin-Mouse TDLo • 480 g/kg 80 Week(s)-Intermittent; <i>Tumorigenic:Neoplastic by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Tumors at site of application</i></p>

GHS Properties	Classification
Acute toxicity	UN GHS•
Aspiration Hazard	UN GHS• Aspiration 1
Carcinogenicity	UN GHS•
Germ Cell Mutagenicity	UN GHS•
Skin corrosion/Irritation	UN GHS• Skin Irritation 2
Skin sensitization	UN GHS•
STOT-RE	UN GHS•
STOT-SE	UN GHS•
Toxicity for Reproduction	UN GHS•
Respiratory sensitization	UN GHS•
Serious eye damage/Irritation	UN GHS•

**Route(s) of entry/exposure** Inhalation, Skin, Eye, Ingestion/Oral

**Potential Health Effects**

**Inhalation**

**Acute (Immediate)** Not expected to be a hazard for static vapor at ambient temperatures. Inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function.

**Chronic (Delayed)** No data available

**Skin**

**Acute (Immediate)** May cause skin irritation.

**Chronic (Delayed)** No data available

**Eye**

**Acute (Immediate)** May cause mild irritation.

**Chronic (Delayed)** No data available

**Ingestion**

**Acute (Immediate)** May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic (Delayed)** No data available

**Other information**

No data available

**Section 12 - Ecological Information**

**Toxicity** No data available

**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Mobility in Soil** No data available.

**Other adverse effects**

**Ecological Fate** No data available.

**Section 13 - Disposal Considerations**

**Waste treatment methods**

**Product waste**

Avoid contact of spilled material with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

**Packaging waste**

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	UN number	UN proper shipping	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

**Special precautions for user** No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No data available

**Other information**

**Section 15 - Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Inventory		
Component	CAS	TSCA
Mineral Oil	Proprietary	Yes
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes
Hydrotreated light paraffinic petroleum distillate (highly refined)	64742-55-8	Yes

**Other Information**

CALIFORNIA PROPOSITION 65: WARNING: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Section 16 - Other Information**

**Last Revision Date**

June 1, 2015

**Preparation Date**

June 1, 2015

**Disclaimer/Statement of Liability**

All reasonably practicable steps have been taken to ensure this data sheet and health, safety and environmental information contained in it is accurate. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Hasco Oil Company shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and any precautions that should be taken. The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.