STP, Oil Treatment

Material Safety Data Sheet



5/5/08

STP® Oil Treatment

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

STP® Oil Treatment

First Brands Corporation 83 Wooster Heights Road

Building 301

Danbury, CT 06813-1911 Telephone: (203) 731-2300

Product Type

Oil Additive

Stock

9500X, 9501X, 9502X, 9505X, AS1594, ST1006, ST1007, ST1007A, ST1010, ST1014, ST1015, ST1020, ST1021, ST1024, ST1032, ST1064, ST1075, ST1094, ST1095

Formula

RM-3579, RM-3935

Transportation Emergency Phone # (CHEMTREC) 1-800-424-9300

2	COMPOSITION / INFORMATION ON INGREDIENTS				
Hazardous Materials	Material	%	CAS#	Exposure	Source
	Severely Refined Mineral Oils	80-100	Proprietary	Limit 5 mg/m3	(3)
	Zinc Compounds	1-5	Proprietary	None Established	(3)

None of the ingredients is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA following a decision by the 11th Circuit Court of Appeals. These PELs are being enforced by Federal OSHA. Be aware that more restrictive limits may be enforced by some states. First Brands Corporation recommends that the lower exposure limits be observed as reasonable worker protection.

The source for exposure limits listed above are:

- 1. OSHA Permissible Exposure Limit (PEL)
- 2. ACGIH Threshold Limit Value (TLV)
- 3. Both the OSHA PEL and ACGIH TLV
- 4. Recommended by the Manufacturer



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HAZARDS IDENTIFICATION Principal Hazards Warning Amber or dark brown liquid with a mild petroleum odor. Accidental ingestion of this material may cause gastrointestinal disturbances including irritation, nausea, vomiting and diarrhea. Aspiration from ingestion may cause lipid pneumonia. Breathing high concentrations of vapors may cause respiratory irritation and central nervous system effects including headache, nausea, and drowsiness. May cause eye and skin irritation. See Section 11 for complete health hazard information KEEP OUT OF REACH OF CHILDREN

FIRST AID

Swallowing

Get medical attention by calling Poison Control Center or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital. Never give anything by mouth to a person who is unconscious or drowsy.

Skin

Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If skin irritation or redness persists seek medical attention.

Inhalation

If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek medical attention.

Eyes

Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. Seek medical attention

Notes To Physician

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions. If this product is aspirated following ingestion, it may lead to a lipid pneumonia.

FIRE FIGHTING MEASURES

Flash Point (Method)

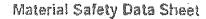
374°F (190°C) COC

386°F (195°C) PMCG

Upper Flammable Limit

Not determined

09:08





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FIRE FIGHTING MEASURES (continued)

Lower Flammable Limit

Not determined

Extinguishing Media

Use foam, carbon dioxide or dry chemical.

Special Firefighting

Procedures

Use self contained breathing apparatus and full protective clothing. Use water to cool fire-exposed containers. Material may float on water and spread fire.

Unusual Fire and **Explosion Hazards**

The vapor space in closed containers may contain hydrogen sulfide in explosive concentrations. Hydrogen sulfide may be released when heated.

Combustion Decomposition Carbon monoxide, carbon dioxide, aldehydes, hydrogen sulfide, alkyl mercaptans, sulfides and oxides of nitrogen, sulfur, or phosphorous.

Auto-ignition Temperature

Not determined

Explosion Data

None determined.

ACCIDENTAL RELEASE MEASURES

Spill

Ventilate area. Wear appropriate personal protective equipment. Avoid breathing vapor. Collect material with suitable absorbent material and shovel into appropriate container for disposal. Prevent product from entering sewer or waterways.

HANDLING AND STORAGE

Handling Procedures

- Avoid contact with eyes, skin and clothing.
- Wash exposed skin with soap and water after use.
- Avoid breathing vapors and mists.
- Use only with adequate ventilation.
- Handling temperatures should not exceed 176°F (80°C)
- Keep container closed.

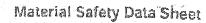
Storage Procedures

Store in cool, dry, well ventilated area. Product may decompose to toxic products if stored above 113°F (45°C) for prolonged periods or if heat sources above 250°F (121°C) are used.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Procedures

General ventilation should be adequate for normal use. For operations where the TLV may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.





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EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Gloves Protection Impervious gloves such as nitrile are recommended for operations

which may result in skin contact.

Eye Protection Safety glasses, chemical safety goggles or face shield is

recommended to prevent eye contact.

Respiratory Protection None needed under normal use conditions. For operations where the

TLV may be exceeded, a NIOSH/MSHA approved supplied air respirator is recommended. Equipment selection depends on

contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use

self-contained breathing apparatus.

Clothing

Recommendation

Protective clothing if needed to avoid prolonged / repeated skin contact. Suitable washing and eye flushing facilities should be

available in the work area. Contaminated clothing should be removed

and laundered or dry-cleaned before re-use.

PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure Not determined

pH Not applicable

Specific Gravity 0.88 @ 15.6°C

Water Solubility Insoluble

Percent Volatile Not determined Vapor Density Not determined

Evaporation Rate Not determined

Odor Mild petroleum odor

Appearance Dark brown to amber liquid

Viscosity 5200-6340 cSt @ 40°C

Boiling Point Not determined

Freezing Point Not applicable

10 STABILITY AND REACTIVITY

Stability Stable

Incompatibility Oxidizing agents and reducing agents.

Conditions to Avoid Avoid excessive heat for prolonged periods.



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STABILITY AND REACTIVITY (continued)

Will not occur Polymerization

M9: M9

Hazardous Décomposition Heating will generate toxic and flammable hydrogen sulfide. Burning can produce carbon monoxide, carbon dioxide, aldehydes, hydrogen sulfide, alkyl mercaptans, sulfides and oxides of nitrogen, sulfur, or

phosphorous.

TOXICOLOGICAL INFORMATION

Swallowing large amounts may cause gastrointestinal disturbances **Oral Toxicity**

including abdominal discomfort, belching, nausea and diarrhea.

Aspiration may lead to lipid pneumonia.

May cause eye irritation with tearing, reddening and swelling of the Eye Irritation

conjunctiva.

May cause irritation, seen as localized redness and swelling. Skin Irritation

No evidence of adverse effects from available information. **Dermal Toxicity**

Excessive inhalation of vapor or mist may cause irritation of the nose Inhalation Toxicity

and throat and central nervous system effects including headache, nausea and drowsiness. The release of hydrogen sulfide gas in various concentrations may cause irritation of the eyes and respiratory tract, headache, dizziness, nausea and drowsiness. Exposure to high

concentrations of hydrogen sulfide may be fatal.

Product: No data available **Acute Toxicity Values**

This product is not expected to be a human skin sensitizer. Sensitization

Prolonged or repeated contact with this product may possibly lead to **Chronic Toxicity**

irritation and dermatitis.

Individuals with preexisting skin disease may be at increased risk from **Medical Conditions** exposure to this product.

Aggravated by Exposure

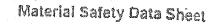
None of the components of this product is listed as a carcinogen or Carcinogenicity

suspected carcinogen by IARC, NTP or OSHA.

No evidence of mutagencity from available data. Mutagenicity

Reproductive Toxicity No evidence of adverse reproductive effects from available data. and Teratogenicity

09:09





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ECOLOGICAL INFORMATION

Aquatic/Terrestrial

Toxicity Environmental Fate No data is available at this time.

DISPOSAL CONSIDERATIONS

Waste Disposal

-Dispose in accordance with federal, state and local regulations.

TO

TRANSPORT INFORMATION

U.S. DOT Non-Bulk **Shipping Description** None - Not Regulated

ID Number None

Hazard Class None

Packing Group None

Label None

Placards None

IMDG Code Shipping

Description

NONE - NOT REGULATED

ID Number NONE

Hazard Class NONE

Packing Group NONE

Label NONE

Placards NONE

IMDG PG NONE

Air - IATA Shipping

Description

None - not regulated

Technical Name None

ID Number None

Hazard Class None

Packing Group None

Markings None

Label None

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REGULATORY INFORMATION

U.S. TSCA inventory/ other TSCA Regulations. All of the components of this product are listed on the TSCA inventory.

This product is subject to export notification.

SARA Ext. Haz. Subst.

None.



08/07/01

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REGULATORY INFORMATION (continued)

SARA Section 313

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

(SARA 313 - Toxic Chemical Release Reporting)

Chemical Name

CAS#

Weight %

Zinc Compounds

Proprietary

1-5

CERCLA Hazardous Substances (Section 103)/RQ This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting

requirements. Report spills required under federal;, state and local

regulations.

California Proposition 65

This product does not contains chemicals regulated under California

Proposition 65.

FFC EINECS

All of the ingredients are listed on the EINECS inventory.

Canada

All of the components of this product are listed on the Canadian

Domestic Substances List (DSL).

Japan MITI

All of the ingredients of this product are listed on the Japanese Existing

and New Chemical Substances (MITI) List.

Australia

All of the ingredients of this product are listed on the Australian

Inventory of Chemical Substances.

OTHER INFORMATION

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NFPA Code

Health: 1 Fire: 1

Reactivity: 0

HMIS Code

Health: 1 Fire: 1

Reactivity: 0

Precautionary Labels

Observe all requirements of plant, company or government regulations. "Empty" containers retain product residue and can be hazardous. Keep

out of the reach of children. Do not take internally.

Revision Indicators

Supersedes: December 10, 1995

Revised Sections: Re-Formulated Product - Revised Section 1, 2, 3,

5, 7, 9, 10, 11, 14, 15, 16



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OTHER INFORMATION (continued)

General

This MSDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations,

While First Brands Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which First Brands Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use or these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

Contact:

J. O. Funderburk FIRST BRANDS CORPORATION 83 Wooster Heights Road Building 301 Danbury, CT 06813-1911 (203) 731-8943