

MATERIAL SAFETY DATA SHEET

OSHA - Meets CFR 1910.1200 Standards

HMIS HAZARD RATINGS



HEALTH	1	0 = INSIGNIFICANT
FLAMMABILITY	2	1 = SLIGHT
REACTIVITY	0	2 = MODERATE
		4 = EXTREME

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) DSR-5™		Page 1 of 2
MANUFACTURER'S NAME So-Brite Chemicals International, Inc.	EMERGENCY PHONE NUMBER CHEM -TEL (800) 255-3924	Date Prepared: 3/31/2004 Supersedes: 12/26/2001
ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE) 6413 Carmella Way, Sarasota, Florida 34243	TELEPHONE NUMBER FOR INFORMATION (941) 753-5669	

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous components (SPECIFIC CHEMICAL IDENTITY; COMMON NAME (S))	CAS #	% OPTIONAL	ACGIH TWA	ACGIH STEL	SARA	RQ
			PPM MG/M3	PPM MG/M3	TITLE III	LBS
Petroleum distillate, aliphatic	8052-41-3					

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.	Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek medical attention.
SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
EYES: High vapor concentration or contact may cause irritation and discomfort.	Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
INGESTION: May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.	DO NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established. Harmful or fatal if swallowed. Vapor harmful.

CARCINOGENICITY: NTP ? NO IARC MONOGRAPHS ? NO OSHA REGULATED ? NO

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure

SECTION 4 - SHIPPING / TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	9003 Petroleum Distillates N.O.S.
HAZARD CLASS/ PKG GRP:	3 /III
IDENTIFICATION NUMBER:	UN 1268
FURTHER SHIPPING INFO SEE BELOW	REF: 49 CFR 173.150.(f) (2)

SHIPPING: This product is classified as a combustible under US DOT regulations for domestic ground transport. However, the container sizes offered allow the product to be classed as non-hazardous and would carry the following Proper Shipping Description: NON-HAZARDOUS/NON-REGULATED (UNDER 119 GALLONS PER CONTAINER) provided product is shipped in unopened, factory packaging.

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

DSR-5™

Page 2 of 2

Date Prepared: 3/31/2004

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

105°F (TCC)

FLAMMABLE LIMITS

LEL: 1.0

UEL: not determined

EXTINGUISHING MEDIA

Carbon dioxide, water fog, dry chemical, chemical foam.

Special FIRE FIGHTING PROCEDURES

Firefighters must wear full-face piece self-contained apparatus in positive mode. Do not use solid stream of water, since stream will scatter and spread fire. Fine spray can be used to keep fire - exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat; do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material is flammable!

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash to sewer or waterway.

SECTION 7 - HANDLING AND STORAGE

STEPS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well-ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. This material may be classified as *COMBUSTIBLE* by DOT unless transported by vessel or aircraft. Refer to 49 CFR 173.120. Keep this and other chemicals out of reach of children; minimize body contact with this product as well as all chemicals in general. Avoid inhaling concentrated fumes or vapors.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section II) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn.

VENTILATION LOCAL EXHAUST: Required

MECHANICAL (GENERAL): Yes

SPECIAL: To maintain minimum TWA and STEL levels

OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber gloves.

EYE PROTECTION: Safety goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES

Boiling point

315° f

SPECIFIC GRAVITY (WATER = 1)

0.779

VAPOR PRESSURE (MMHg)

3.0mm @ 20° C

VOLATILE ORGANIC COMPOUNDS (VOC's)

6.3 lbs/gal

VAPOR DENSITY (AIR=1)

4.7

EVAPORATION RATE (n-Butyl Acetate = 1)

< 1

SOLUBILITY IN WATER

Negligible

% VOLATILE (BY WEIGHT)

97%

Appearance and odor

Water - white liquid, characteristic mild citrus odor

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID:

Extreme temperatures, open flames, sparks

INCOMPATIBILITY (materials to avoid): Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, CO; CO2 may be produced

HAZARDOUS POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID:

None

SECTION 11 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations for ignitable materials. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons in proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.