

MATERIAL SAFETY DATA SHEET

Product Code: D015267

ORANGE SCRUB HAND CLEANER

SECTION 1 - MANUFACTURER IDENTIFICATION

Name of Product ORANGE SCRUB HAND CLEANER

Product code: D015267

Product Usage: Hand Cleaner

Date Revised: 04/01/2010

Date Printed: 4/1/2010

WHMIS Code: Not Regulated

Manufacturer's Name: Day International Chemical Products Div.
130 West Second Street, Suite 1700
Dayton, Ohio 45402

Emergency Phone: 800-424-9300 CHEMTREC®

Information Phone: 800-336-8276

Name of Preparer Day Chemical Prod. Div

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

SECTION 2 - HAZARDOUS INGREDIENTS

Component	CAS Number	Vapor Pressure kPa @ Temp	Weight Percent
Isoparaffinic Hydrocarbon OSHA PEL: N/E, ACGIH® TLV®: N/E, Mfg: 300ppm, Oral LD50(Rat): N/AV	64742-47-8	0.133 38°C	14.3%
p-mentha-1,8-diene OSHA PEL: N/E, ACGIH® TLV®: N/E, Mfg: 125ppm, Oral LD50 (Rat): 4400 mg/Kg	5989-27-5	0.13 13.9°C	5.2%
Mineral Oil OSHA PEL: 5mg/M3 As Mist, ACGIH® TLV®: 5mg/M3 As Mist, LD50(Rat): N/AV	8042-47-5	0.07 20°C	2.4%
1,2-Propylene Glycol OSHA PEL: N/E, ACGIH® TLV®: N/E, Oral LD50 (Rat): 2100 mg/Kg	57-55-6	0.03 20°C	2.2%

All ingredients listed on CEPA Doemstic Substance List (DSL) and US EPA TSCA inventory. N/E = Not Established, N/AV = Not Available

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE / POINT:	>100°C
VAPOR DENSITY:	Heavier Than Air
EVAPORATION RATE:	Slower Than Water
V.O.C. (EPA METHOD 24) g/l:	279
SOLUBILITY IN WATER:	Emulsible
APPEARANCE AND ODOR:	Orange Gel - Citrus Odour
FREEZING POINT:	0°C
COEFFICIENT OF WATER/OIL DIST:	N/A
SPECIFIC GRAVITY (H20=1):	1.05
pH:	7
ODOUR THRESHOLD:	> 20 ppm

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	88.9°C
METHOD USED:	TAG CC
FLAMMABLE LIMITS IN AIR BY VOLUME:	
LOWER:	1.3%
UPPER:	8.8%
T.D.G.R.CLASS:	Not Regulated.

EXTINGUISHING MEDIA:

Use any extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES:

Under normal conditions product does not support combustion. In the event of a fire, use extinguishing media noted above.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known.

SENSITIVITY TO IMPACT:

This product is not sensitive to impact.

SENSITIVITY TO STATIC DISCHARGE:

This product is not sensitive to static discharge.

SECTION 5 - REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid conditions of excess heat to prolong shelf life.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None Known.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 6 - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is not considered to be toxic through skin absorption.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts of this product may cause nausea, moderate gastro-intestinal irritation, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. No chronic effects are known or expected.

CARCINOGENICITY NTP CARCINOGEN: No

IARC CARCINOGEN: No

OSHA CARCINOGEN: No

TERATOGENICITY:

This product contains no chemicals known to cause birth defects.

MUTAGENICITY:

This product contains no chemicals known to cause damage to chromosomes.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS::

There is no data available.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis.

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**EMERGENCY AND FIRST AID PROCEDURES:**

EYES: Flush eyes with plenty of water while removing contact lenses. Hold eyelids open and continue flushing with water for 15 minutes. Seek medical attention if irritation persists. **SKIN:** Wash with soap and water. **INHALATION:** Not a normal route of entry. **INGESTION:** If victim is conscious, induce vomiting as directed by medical personnel. Obtain medical attention immediately.

SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Clean up small spills with soap, water, and a mop. Large spills should be diked and kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal.

WASTE DISPOSAL METHOD:

Diluted material may meet sewer disposal guidelines in some localities. Do not pour undiluted concentrate, as supplied, down sewer. Contact local sewer authorities before disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool, dry area away from sunlight and excess heat. Protect from freezing. Avoid skin and eye contact.

OTHER PRECAUTIONS:

When transferring or using this product, wear proper personal protective equipment.

SECTION 9 - CONTROL MEASURES**RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

VENTILATION:

No special ventilation is required.

PROTECTIVE GLOVES:

Not necessary for normal use. For excessive exposure wear butyl or nitrile rubber gloves.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. WHMIS regulations require employers to evaluate personal protective equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after handling product.

DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in Section 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.