

Material Safety Data Sheet

Effective Date: 05-NOV-2010
Product: BRUSH & BASAL OIL

I. IDENTIFICATION

Chemical Name: Oil Carrier and Petroleum Oil Adjuvant
Chemical Family: Adjuvants
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not applicable
Spec Gravity: 0.8570 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not applicable
Solubility: Negligible
Volatiles: Nil
Evaporation: Not applicable
Melting Point: Not applicable
Appearance: Clear to light yellow liquid, petroleum odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Hydrotreated Light Paraffinic Distillate (Petroleum Oil)	64742-55-8	98.00	5 mg/m3 (mist)	Eye irritant
Polyoxyethylene sorbitan fatty acid ester, an emulsifier		2.00	N/E	Non-hazardous

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >360 Degrees F.
Autoignition Temp: >580 Degrees F.
Flammable Limit: Not determined
Extinguishing Media: Use foam, water spray, dry chemical, carbon dioxide or vaporizing liquid type extinguishing agents. Frothing may occur when using water or foam if sprayed into containers of hot, burning liquid.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.
Fire and Expl Hazard: May produce fumes, smoke, carbon monoxide,

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aldehydes or other products.

V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, OSHA or NTP.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Harmful if swallowed. Contains petroleum distillate. Vomiting may cause aspiration pneumonia.
Skin Absorption: Harmful if absorbed through skin.
Inhalation: Avoid breathing mists or vapors. This product is not expected to present an inhalation hazard at ambient conditions.
Skin contact: This product may cause slight skin irritation upon short-term direct contact. Prolonged or repeated skin contact may result in dermatitis, characterized by chapping, dryness and reddening.
Eye Contact: May cause moderate eye irritation. Avoid contact with eyes.
Chronic Effects: Prolonged or repeated skin contact may result in oil acne, characterized by blackheads with possible secondary infection.
Other Hazard: Personnel with pre-existing skin conditions should avoid contact with this product.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a doctor or poison control center. Do not give any liquids to drink. Do not give anything by mouth to an unconscious person.
Skin: Remove any contaminated clothing and wash affected area with soap and water. Launder clothing before reuse. Seek medical attention if irritation develops.
Inhalation: Move to fresh air. If breathing becomes difficult, administer oxygen. Seek medical attention if irritation develops.
Eyes: Immediately flush eyes with water for at least 15 minutes, holding eyelids open. If irritation persists, seek medical attention.
Notes to Physician: There is no specific antidote for this material. Contains petroleum distillate.

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Vomiting may cause aspiration pneumonia.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Sources of ignition.
Polymerization: Will Not Occur
Conditions to Avoid: Sources of ignition.
Incompatibility material: May react with strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, etc. as these present an explosion hazard.
Hazardous Combustion: May produce fumes, smoke, carbon monoxide, aldehydes or other products.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Discharges or spills that enter any water body must be immediately reported to the National Response Center at 1-800-424-8802. Spills on soil should be immobilized and removed immediately. Spills to water bodies should be diked or dammed to prevent further spread. Recover free product and dispose of properly.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None required under normal use conditions.
Ventilation: General and/or local exhaust should be sufficient.
Gloves: Impervious gloves.
Eyes: Chemical goggles or safety glasses
Other: Emergency shower, eyewash station, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store near food, feed or other materials to be used or consumed by humans or animals. Keep away

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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from flames, sparks, oxidizing materials or hot surfaces. Empty oil containers can contain explosive vapors.

Other precaution: Do not attempt to clean empty containers as residue is difficult to remove.

X. SHIPPING INFORMATION

Shipping name: Not regulated by D.O.T.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Adhesive, Adjuvant, Spreader or Sticker,
Liquid, N.O.I. (NMFC Item 42652, Class 60)

Chemical Name Equivalent R.Q.

Not applicable Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 0 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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