

HOMEPLEX DISTRIBUTING

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **#1319 BLUE DEGREASER**

1. PRODUCT INFORMATION

SUPPLIER: As above
PRODUCT USE: Solvent Degreaser
CHEMICAL IDENTITY: Mixture
CAS No. and NAME: Not available
FORMULA and M. Wt.: Not available

2. HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	CONC.(W/W)	TOXICITY
Naphtha (Petroleum)	64741-65-7	60 – 100%	LD ₅₀ Oral rat > 7600 mg/kg
Alcohols, Ethoxylated	68991-48-0	5 – 15%	LD ₅₀ Oral rat > 1400 mg/kg
Naphtha (Petroleum)	64742-94-5	5 – 10%	LD ₅₀ Oral rat = 3000 mg/kg

3. PHYSICAL DATA

PHYSICAL STATE: Liquid
APPEARANCE and ODOUR: Blue liquid, mild odour
ODOUR THRESHOLD: Not available
SPECIFIC GRAVITY: Not available
VAPOUR PRESSURE: Not available
VAPOUR DENSITY: 4.8 (Air = 1)
EVAPORATION RATE: Not available

BOILING POINT: 170 - 210°C
FREEZING POINT: Not available
pH: Not available
DENSITY (g/ml): Not available
WATER SOLUBILITY: Soluble

4. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Flammable
MEANS OF EXTINCTION: Carbon dioxide, dry chemical, foam, water fog. Do not use water except as a fog. Exclude air. Use water to cool fire exposed containers. Do not enter confined fire space without adequate protective clothing and an approved positive pressure self-contained breathing apparatus.
FLASH POINT and METHOD OF DETERMINATION: >51°C, Tag Closed Cup
UPPER FLAMMABLE LIMIT: 7.0% (by volume)
LOWER FLAMMABLE LIMIT: 0.5% (by volume)
AUTO-IGNITION TEMPERATURE: 340°C
HAZARDOUS COMBUSTION PRODUCTS: Vapour forms an explosive mixture with air between upper and lower flammable limits. Burning can produce carbon monoxide, carbon dioxide.
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: Sensitive

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE SUBSTANCES: Avoid contact with strong oxidizing agents, lewis or mineral acids.
CONDITIONS OF REACTIVITY: Avoid excessive heat, open flames and all ignition sources.
HAZARDOUS DECOMPOSITION PRODUCTS: CO₂, CO formed during combustion

6. TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE:

EYE CONTACT: May cause eye irritation.
SKIN CONTACT: May cause irritation.
INGESTION: May cause gastro-intestinal irritation. This material can enter lungs during swallowing or vomiting and can cause lung inflammation and damage.
INHALATION: May cause respiratory tract irritation.

6. TOXICOLOGICAL PROPERTIES (Cont'd)

EFFECTS OF CHRONIC EXPOSURE:

EYE CONTACT: Vapours are moderately irritating to the eyes.

SKIN CONTACT: Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.

INHALATION: Vapours are irritating to the respiratory passages. Prolonged exposure to high vapour concentration can cause headache, dizziness, nausea, and central nervous system depression. In rare cases may sensitize heart muscle causing heart arrhythmia.

EXPOSURE LIMITS: See section on "Hazardous Ingredients"

IRRITANCY OF PRODUCT: Eye, skin and respiratory tract irritant.

SENSITIZATION TO MATERIAL: None

CARCINOGENICITY: None

REPRODUCTIVE TOXICITY: None

TERATOGENICITY: Not available

MUTAGENICITY: Not available

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not available

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use a NIOSH-approved respirator for organic vapours. Wear impervious protective clothing, rubber apron, chemical safety goggles, butyl rubber gloves, rubber safety boots.

ENGINEERING CONTROLS: General: highly recommended for all indoor situations to control fugitive emissions. Electrical and mechanical equipment should be explosion-proof. Local: also recommended where mechanical ventilation is ineffective in controlling airborne concentrations below the recommended occupational exposure limit.

HANDLING PROCEDURE and EQUIPMENT: Maintain a good personal hygiene. Avoid breathing vapours. Avoid prolonged or repeated skin contact. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers are hazardous, may contain flammable/explosive liquid residue or vapours. Fixed equipment as well as transfer containers and equipment should be grounded to prevent accumulation of static charge.

STORAGE REQUIREMENTS: Store in a dry and well-ventilated area. Store in a cool area, away from all sources of heat and ignition.

SPECIAL SHIPPING INFORMATION: UN Number 1268, TDG Classification 3, PG III, Not regulated if < 450L.

PROCEDURES FOR HANDLING LEAKS OR SPILLS: Eliminate all sources of ignition. Isolate hazard area and restrict access. Avoid direct contact with material. Wear appropriate breathing apparatus if necessary and protective clothing. Stop leak only if safe to do so. Dike and contain land spills. For large spills remove by mechanical means and place in containers. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal. Flush area with water to remove trace residue.

WASTE DISPOSAL: Reclaim or dispose of at a licensed waste disposal company. Incinerate with approval of environmental authority. Landfill absorbed material in a government approved site.

8. FIRST AID MEASURES

EYES: Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention without delay.

SKIN: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash skin with soap and water. If irritation persists, get medical attention.

INGESTION: Obtain medical attention immediately. Do not induce vomiting. Guard against aspiration into lungs. Place victim in a stable side position and keep warm. Do not give anything by mouth to a convulsing or unconscious person. If vomiting occurs keep head below hips to prevent aspiration of liquid into the lungs.

INHALATION: Remove victim from area and restore breathing if required. Get medical attention.

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