



Clemas & Co Ltd

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Grease Release Plus

Emulsifiable degreasant

PRODUCT CODE: E3L529

Product Description

This is a self-emulsifying solvent type degreasing and de-waxing agent formulated to deal with oil, grease, wax and other residues in the motor and engineering industries.

Directions

Use as supplied by brush or low pressure spray. Rinse off with water. Can be used by immersion with or without ultrasonic agitation, followed by water rinsing. For thick oil and grease on concrete floors, brush in, allow to soak and hose off.

Do not apply to hot surfaces. Keep away from sources of ignition.

Please refer to product safety data sheet before use. Use only as directed.

Health and Safety

CHIP Classification: Flammable, harmful, dangerous for the environment.

R65. Harmful: may cause lung damage if swallowed.

R66. Repeated exposure may cause skin dryness or cracking.

R51/53. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

S51, Use only in well ventilated areas.

S23. Do not breathe vapour/spray. S2. Keep out of reach of children.

S62. If swallowed do not induce vomiting.

S24/25. Avoid contact with skin and eyes.

R10. Flammable

R41. Risk of serious damage to eyes.

R38. Irritating to skin.

Section: 2

PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product: Grease Release Plus
Description: Emulsifiable Degreasant
Code: E3L529
Supplier: Clemas & Company Limited
Units A3 & A4
Northway Trading Estate
Tewkesbury
Glos GL20 8JH
Tel: 01684 850777
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COMPOSITION/INFORMATION INGREDIENTS

Hydrocarbon Solvent
8008-20-6 70-100% Xn R65 R10 R66 N R51/53
Anionic Surfactant
26264-05-1 1-5% Xi R41 R38

HAZARDS IDENTIFICATION (Undiluted Product)

EYE HAZARD: Will cause discomfort

SKIN HAZARD: Prolonged or repeated contact may cause irritation and dryness.

RESPIRATORY HAZARD: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

FLAMMABILITY HAZARD: Flammable

OTHER: Not applicable

FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

SKIN CONTACT: Remove contaminated clothing. Wash skin with water. Seek medical attention if irritation persists.

INHALATION: In case of overexposure remove to fresh air, keep warm and at rest. Seek medical attention immediately.

INGESTION: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

FIRE FIGHTING MEASURES: Use foam, dry powder or carbon dioxide.

ACCIDENTAL RELEASE MEASURES: Exclude sources of ignition, provide ventilation. Absorb using sand or other inert material and transfer to suitable containers for disposal.

HANDLING & STORAGE: Store in a cool dry place, protected from frost and away from acids, strong oxidising agents and sources of ignition. Store upright in original containers.

EXPOSURE CONTROL/PERSONAL PROTECTION

These measures are suggested on the basis of general use methods and may not be appropriate to all potential users of the product. The user responsible for carrying out a full risk assessment of their specific processes and systems of work.

EYE PROTECTION: Wear eye protection to BS EN 166 1F if splashing is likely.

HAND PROTECTION: Wear nitrile or neoprene gloves.

Exact choice of glove depends on specific risk assessments.

BODY PROTECTION: As necessary to prevent contact

RESPIRATORY PROTECTION: Use in a well ventilated area. Avoid breathing vapour/spray. Wear a respirator if necessary.

OTHER PROTECTION: Not applicable.

Occupational Exposure Limit

Hydrocarbon solvent 600mg/m³ OES 8 hour TWA

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red/brown liquid

Odour: Characteristic, solvent

pH: 7.0 1% in Water (typical)

Boiling Point: 145°C

Melting Point: Not applicable

Flash Point: 40°C

Auto-ignition temp: >200°C

Explosive properties: Not Applicable

Oxidising properties: Not Applicable

Vapour pressure: 5 mb at 38°C

Relative density at 20°C (typical): 0.822

Solubility: Emulsifies in water

Viscosity: Free flowing

STABILITY & REACTIVITY

Conditions to avoid: Extremes of temperature

Materials to avoid: Incompatible with strong oxidising agents and acids.

Hazardous decomposition products: May produce toxic fumes in fire.

TOXICOLOGICAL INFORMATION

Eye Contact: Will cause discomfort.

Skin Contact: Prolonged or repeated contact may cause irritation and dryness.

Inhalation: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

Ingestion: Moderate toxicity. Will cause severe irritation of gastro-intestinal tract.

Long Term: Based on current knowledge, no long term effects are anticipated if used correctly.

ECOLOGICAL INFORMATION

May affect aquatic organisms due to hydrocarbon content if released into water courses untreated. Product is expected to biodegrade. Solvent will evaporate.

Volatile organic content 97% w/w 797.34 g/l

DISPOSAL

Dispose of surplus product and packaging via a licensed chemical waste contractor.

TRANSPORT INFORMATION

Transport Classification: Flammable

UN Number 1993. Transport Class 3.

Packaging Group 3.

REGULATORY INFORMATION

CHIP Classification: Flammable, harmful, dangerous for the environment.

Please see front of chemical data sheet for further info.

This product should be stored, handled and use in accordance with good industrial practice and in conformity with legal regulations. The information this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements are thus should not be constructed as guaranteeing specific properties. It is for the users to satisfy themselves of the suitability of this product for their own applications.

E3L529 . Wednesday, January 16, 2008