



1. PRODUCT & COMPANY IDENTIFICATION

Product Name: GREASE RELEASE

Uses: Solvent based grease, oil and paint remover.

Supplier Details: Wedina Holdings Trading As: RESEARCH PRODUCTS

Address: PO Box 142 Artarmon NSW 1570

ABN: 65 002 373 319 **ACN:** 002 373 319

Telephone: (02) 8868 6888 8am to 5pm Monday to Friday

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Poisons Information Centre Telephone: 13 1126

2. HAZARDS IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC

Risk Classification: Xn; Harmful

N; Harmful to the environment

Risk Phrases

- R40 Possible risk of irreversible effects. Carcinogen category 3.
R23 Toxic by inhalation.
R20/21 Harmful by inhalation and contact with skin.
R36/37/38 Irritating to eyes, respiratory system and skin.
R51 Toxic to aquatic organisms.
R53 May cause long term effects in the aquatic environment.
R61 May cause harm to the unborn child.
R65 May cause lung damage if swallowed.

Safety Phrases

- S1/2 Keep locked up and out of reach of children.
S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing.
S46 If swallowed, seek medical advice immediately and show this MSDS or product label whenever possible.
S61 Avoid release to the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Xylene	< 60	95-47-6
2-Butoxyethanol	< 15	111-76-2
Non ionic Surfactant Blend	< 10	Non Hazardous
Perchloroethylene	< 15	127-18-4
Ethanol	< 15	64-17-5
White Spirits	< 15	64742-82-1

4. FIRST AID MEASURES

Swallowed: Give 1 or 2 glasses of water to drink. Do not induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

Eye Exposure: Immediately flush eyes with plenty of water holding eyelids open. Seek medical attention.

Skin Exposure: Remove all contaminated clothing. Wash affected area with plenty of water. If skin irritation persists seek medical advice.

Inhalation: Remove victim from exposure to fresh air – avoid becoming a casualty. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: 3[Y]

Special protective precautions and equipment for fire fighters

Fire fighters should wear full protective equipment including self-contained breathing apparatus. Use water spray to cool fire exposed surface and to protect personnel. If leak or spill has not ignited, use water spray to disperse the vapours and protect men attempting to stop leak. Use foam or dry chemical to extinguish fire. Avoid spraying water directly into storage containers due to the dangers of boilover.

Hazards from Combustion Products

Flammable liquid. Liquid can release vapours that can readily form flammable mixtures at temperatures above the flash point. Product can accumulate static charges which can cause an

incendiary discharge. Toxic vapours and gases such as hydrogen chloride, phosgene, chlorine gas and carbon monoxide are generated when this product is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions:

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

Methods & Materials for Containment & Clean Up:

Contain spills immediately with inert absorbent materials (e.g. sand, earth).
Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING & STORAGE

Handling:

Ensure that eye bath is available and ready for use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or fumes. Observe good hygiene practices and recommended procedures. Wash hands thoroughly after use, especially before eating or smoking.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed and locked up when not in use. Store away from sources of ignition and materials such strong oxidizing agents. Do not store near food stuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s): There is no exposure data for this product. The Exposure Standards for:

2- Butoxy ethanol cas no: 111-76-2;

TWA: 20ppm (96.9mg/m³) STEL: 50ppm (242mg/m³)

Tetrachloro ethylene cas no. 127-18-4

TWA: 50ppm (340mg/ m³) STEL: 150ppm (1020mg/m³)

Xylene cas no. 1330-20-7/100-41-4

TWA: 80ppm (350mg/ m³) STEL: 150ppm (655mg/m³)

White Spirits Un. No. 1300

TWA: 70ppm (350mg/ m³) STEL: 150ppm (655mg/m³)

Absorption through skin may be a significant source of exposure.

Exposure controls:

Eye protection: Wear safety glasses with side-shields.

Hand protection: Wear impervious gloves such as nitrile rubber.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Engineering measures: Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Colourless
Odour:	Solvent
pH:	Not Applicable
Boiling point/range:	Not established
Melting point/range:	Not applicable
Flash point:	19- 30°C
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapour pressure:	Not established
Relative vapour density:	Not established
Water solubility:	Miscible with water at all proportions
Relative density:	0.895
Viscosity, dynamic:	Not applicable
Evaporation rate:	Not established
Percent volatility:	Not determined

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

Hazardous Reactions: Product is stable under normal conditions of use, storage and temperature.

Materials to avoid: Oxidizing agents, halogens and strong acids.

Polymerization: Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

No data is available for this material.

Toxicity Data

This product is classified as harmful if swallowed. May be harmful by inhalation.

Health Effects – Acute

Swallowed

Harmful if swallowed. Ingestion may cause irritation of mucous membranes in mouth, pharynx, oesophagus and gastro-intestinal tracts. Symptoms include nausea, headache, vomiting, ataxia (impaired locomotor co-ordination), acidosis, drowsiness, Agitation, insomnia, changes in the blood picture, pulmonary oedema and damage to the liver and kidneys.

Eye

Causes eye irritation.

Skin

Irritating to skin. Danger of skin absorption. De-fatting of skin can cause drying, cracking and dermatitis.

Inhaled

Inhalation causes irritation to the mucus membranes, coughing and dyspnoea. Chronic exposure causes damage to blood cells and blood in urine. Vapour concentration above exposure limits (TWA) may cause headaches, drowsiness and dizziness, could be anaesthetic and may have other central nervous system effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and degradability: No information available for this product.

Mobility: No information available on this product.

Environmental fate (exposure): Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential: No information available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

UN Number: 1268

UN Proper Shipping Name: PETROLEUM PRODUCTS N.O.S.

Class & Subsidiary Risk: DG Class 3

Packing Group: III

Special Precautions for User: Avoid storage or contact with strong oxidising or reducing agents.

Hazchem Code: 3[Y]

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to regulations.

Poison Schedule 6

EPG PETROLEUM PRODUCTS N.O.S.

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR). All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

16. OTHER INFORMATION

Date of Preparation: 08.08.2008

Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.

OECD	Organisation for Economic Co-operation and Development.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm³	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m³	Kilograms per cubic metre
ltr	Litre
m³	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m³	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	Weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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