

SAFETY DATA SHEET

PRODUCT NAME: DEGREASOL

Issue Date: May 23

IDENTIFICATION

Product Name: Degreasol
Other Names: Degreaser
Product Code: KDEGR20, KDEGR5, KDEGR1
Uses: Solvent based degreaser
Supplier: HamChem Hamilton Chemicals Ltd, 75 Ruffell Rd, Hamilton
 Phone: 079744971 Web: www.hamchem.nz Email: info@hamchem.nz

- In emergency dial 111, and then ask for Fire, Ambulance or Police as necessary.
- In case of poisoning phone National Poisons Centre – 0800 764 766

HAZARD IDENTIFICATION



GHS Classifications

Flammable Liquid – Category 4
 Acute Toxicity (Oral) – Category 4
 Acute Toxicity (Inhalation) – Category 4
 Serious Eye Damage – Category 1
 Skin Corrosion – Category 1B
 Hazardous to the Aquatic Environment (Acute) – Category 1
 Hazardous to the Aquatic Environment (Chronic) – Category 1

Signal Word: DANGER

Hazard Statements:

H227 – Combustible liquid
 H302 – Harmful if swallowed
 H332 – Harmful if inhaled
 H318 – Causes serious eye damage
 H314 – Causes severe skin burns and eye damage
 H410 – Very toxic to aquatic life with long-lasting effects

Prevention:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P280 – Wear protective gloves/clothing and eye/face protection
 P264 – Wash hands thoroughly after handling
 P270 – Do not eat, drink or smoke when using this product
 P261 – Avoid breathing dust/fume/gas/mist vapours/spray
 P271 – Use only outdoors or in well-ventilated area
 P273 – Avoid release to the environment

Response:

P370 + P378 – IN CASE OF FIRE: Use water spray, foam or dry chemical to extinguish

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HamChem Ltd, 75 Ruffell Rd, Hamilton, New Zealand. Phone 07 974 4971 E-Mail - info@ hamchem.nz Web: www.hamchem.nz

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P303 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P312 – Call a POISON CENTRE or Doctor if you feel unwell
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing
P310 – Immediately call a POISON CENTRE or Doctor
P312 – Call a POISON CENTRE or Doctor if you feel unwell
P305 + P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTRE or Doctor
P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower)
P363 – Wash contaminated clothing before reuse
P391 – Collect spillage

Storage:

P403 – Store in a well-ventilated place
P405 – Store locked up

Disposal:

P501 – Dispose of contents/container to an approved waste facility in accordance with local regulations

COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%)
Butyl Glycol Ether	111-76-2	< 75%
Nonyl Phenol Ethoxylate	9016-45-9	< 6%
Coconut Diethanolamide	68603-42-9	< 5%
Various surfactants		< 14%

FIRST AID MEASURES

If swallowed: Rinse mouth. Do NOT induce vomiting. Call a Poison Centre or Doctor if you feel unwell.

If on skin: Take off contaminated clothing and wash before reuse. Wash skin with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a Poison Centre or Doctor.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a Poison Centre or Doctor

FIRE FIGHTING MEASURES

Extinguishing media: Small fire: Use foam, dry chemical, carbon dioxide or water spray. Large fire: Use foam, fog or water spray. Do NOT use water jets.

Specific hazards: May be ignited by heat, sparks or flames. Vapours may form explosive mixtures with air. Vapours may travel to source of ignition and flash back. Most vapours are heavier than air and will spread along ground and will collect in low or confined areas (drains, basements, tanks). Many liquids are lighter than water. Containers may explode when heated. Fire may produce irritating, poisonous and/or corrosive gases. Vapours from run off may create an explosion hazard. May irritate or burn skin and eyes. Runoff from fire control or dilution water may pollute waterways. Vapours may cause dizziness or drowsiness. Avoid getting water inside containers.

Special protective precautions & equipment: Self contained breathing apparatus and structural firefighter's uniform may provide limited protection. Immediately contact police or fire brigade. Keep unauthorized personnel away. Keep upwind and to higher ground. Ventilate enclosed spaces before entering. If safe to do so, move undamaged containers from fire area. Cool containers with flooding

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quantities of water until well after the fire is out. Eliminate all ignition sources (no smoking, flares, sparks or flames) within at least 25m – All equipment used in handling the product must be earthed. When any large containers (including rail and road tankers) are involved in a fire, consider initial evacuation for 500m in all directions.

ACCIDENTAL RELEASE MEASURES

Emergency procedures: Immediately contact police or fire brigade. Spill or leak should be isolated immediately for at least 15m in all directions. Keep unauthorized personnel away. Keep upwind and to higher ground. Consider initial downwind evacuation for at least 100m. Eliminate all ignition sources (no smoking, flares, sparks or flames) within at least 25m – All equipment used in handling the product must be earthed. Do not touch or walk through spilled material. Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas. Vapour suppressing foam may be used to control vapours – Water spray may be used to knock down or divert vapour clouds.

Methods & materials for containment and clean up: Absorb with earth, sand or other non-combustible material. Use clean, non-sparking tools to collect absorbed material and place it into loosely covered metal or plastic labeled containers for later disposal. Seek advice on handling and disposal.

HANDLING & STORAGE

Handling advice: Wear protective gloves/protective clothing/eye protection/face protection. Use only out doors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Avoid release into the environment. Collect spillage.

Storage advice: Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.

EXPOSURE CONTROLS & PERSONAL PROTECTION
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Exposure standards: Worksafe NZ have set Workplace Exposure Values (April 2022) for the following:

Butyl Glycol Ether	TWA: 25ppm/121mg/m ³
Diethanolamine	TWA: 3ppm/13mg/m ³

Personal protective equipment: Use only out doors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Wear protective gloves/protective clothing/eye protection/face protection.

PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Light yellow liquid
Odour:	Strong cleaning solvent smell.
Specific Gravity:	1.0
Solubility in water:	Soluble
Flash point:	≥ 23°C - ≤ 60°C
Flammability limits:	N/A
Boiling point:	>35°C
Melting point:	N/A
pH:	No data available

STABILITY & REACTIVITY

Stability: Stable under normal operating conditions.

Hazardous decomposition products: May release toxic fumes when heated.

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Hazardous polymerization: Will not occur.

Incompatibles: May react with some metals and alkalis.

TOXICOLOGICAL INFORMATION

Toxicity data:

Oral: > 457mg/kg (rat) LD50

Dermal: > 321mg/kg (rat) LD50

Inhalation: >22.1mg/L LC50

ECOLOGICAL INFORMATION

Ecotoxicity (Aquatic & Terrestrial): Toxic to aquatic life with long lasting effects. Toxic to terrestrial vertebrates.

Persistence & degradability: Rapidly degradable.

Bioaccumulative potential: N/A

DISPOSAL CONSIDERATIONS

Return to place of purchase for disposal. Be sure to consult with local authorities. Waste must be disposed of in accordance with local environmental control regulations.

Contaminated packaging: Where possible recycling is preferred to disposal or incineration of washed out containers.

TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good according to NZS 5433 Transport of Dangerous Goods on Land.

REGULATORY INFORMATION

HSNO Classifications: 3.1D, 6.1D (o & i), 8.3A, 8.2B, 9.1A

EPA Approval: HSR002527 – Cleaning Products (Combustible, Corrosive) Group Standard 2020

End of SDS.