



# SAFETY DATA SHEET

## Section 1: Identification of the Substance/Mixture and of the Supplier

**Product Name:** DEGREASOL  
**Proper Shipping Name**  
**Recommended use:** Degreasing Solution  
**Company Details** Marketing Chemicals Ltd  
**Address:** 7/343 Church Street , Penrose,  
Auckland. New Zealand  
**Telephone:** +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]  
**Fax:** +64 9 634 3864  
**Emergency Telephone:** +64 274 736008(24 hours)  
National Poison Centre(24 hours): 0800 POISON [ 764 766]  
**Date of preparation** 8 October 2008

## Section 2: Hazard Identification



### WARNING:

- Combustible liquid.
- May be harmful if swallowed.
- Causes skin irritation.
- Causes serious eye irritation.
- May cause damage to organs through prolonged or repeated exposure.
- May cause long lasting harmful effects to aquatic life.

The HSNO Approval Number for this Group Standard is HSR002525.

### Prevention:

- Read label before use.
- Keep away from flames/hot surfaces
- No smoking.
- Wear protective gloves and eye/face protection.
- Wash hands thoroughly after handling.
- Do not breathe spray.
- Avoid release to the environment.

## Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Hydrocarbon Solvent	30.0 – 60.0	68476-34-6
Butyl Glycol Ether	5.0 – 10.0	112-34-5

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Non Ionic Surfactant	2.0 – 10.0	9016-45-9
Caustic Soda	0.5 – 2.0	1310-73-2
Sulphonic Acid	0.0 – 2.0	946-30-5
Water	Up to 100	7732-18-5

#### Section 4: First Aid Measures

- Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Skin:** If medical advice is needed, have product container or label at hand. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.
- Ingestion:** Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.
- Inhalation:** Get medical advice/attention if you feel unwell.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

#### Section 5: Fire Fighting Measures

- Flash Point:** Not available
- Auto ignition Temperature:** Not available
- Flammable Limits in Air % by Volume:** Not available
- Extinguishing Media:** Dry powder, Foam, Carbon dioxide
- Fire Fighting Instructions:** Evacuate the area.
- Unusual Fire and Explosion Hazards:**

#### Section 6: Accidental Release Measures

Collect spillage. Do not release into waterways.

#### Section 7: Handling And Storage

**Handling**

- Storage:** Store in a well-ventilated place. Keep cool. Protect from physical damage. Clean up all spills immediately to prevent secondary accidents.

## Section 8: Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	General (mechanical) room ventilation is considered satisfactory in enclosed spaces.
<b>Eye / Face Protection:</b>	Safety Glasses/Full face masks
<b>Body Protection:</b>	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
<b>Respiratory Protection:</b>	
<b>Exposure Limits:</b>	Not available

## Section 9: Physical And Chemical Properties

Boiling Temperature	>135 degrees C
pH	7.0 – 7.5
Specific Gravity	0.98
Vapour Pressure	Not available
Vapour Density	Not available
Solubility	Readily emulsifies
% Volatiles	94
Evaporation Rate	Not available
Odour	Faint Hydrocarbon
Colour	Brown Liquid

## Section 10: Stability And Reactivity

<b>Stability of the Substance:</b>	Stable under normal ambient conditions
<b>Conditions to avoid:</b>	Heat, Spark, Flame
<b>Materials to avoid:</b>	Corrosive to brass; corrosive to cast iron; corrosive to stainless steel strong oxidizers
<b>Hazardous Decomposition Products:</b>	
<b>Conditions Contributing to Hazardous Polymerization</b>	None

## Section 11: Toxicological Information

### Inhalation:

EndPoint: NOAEL  
Primary Organ:  
Result: Method:  
Number of animals: 15/sex/group. Whole-body exposure.  
Examinations included clinical signs, body weight, organ weights, clinical chemistry and pathology.  
Results  
Target concentration: 2, 6 and 18 ppm  
Actual concentration: 2.09 +/- 0.28, 5.69 +/- 0.78 and 18.5 +/- 2.6 ppm  
Mortality: none  
Clinical signs: no treatment-related findings  
Body weight changes: no treatment-related findings  
Organ weights:  
- Statistically significant decreased relative liver weight in males of mid and high dose group (dose-related)  
- dose-related increased relative liver weight in females of the mid and high dose group; statistically significant in high dose group only  
Haematology: no treatment-related findings  
Urinalysis: no treatment-related findings  
Clinical chemistry: statistically significant increased AP levels in males of high dose group.  
Histopathology: Slight paleness of the liver in 3/10 females of the high dose group  
- Slight hepatocyte vacuolization consistent with fatty change was observed in 3/10, 4/10, 9/10 and 10/10 females of the control, low, mid and high dose group, respectively. These effects were very slight in 7/10, 6/10, 1/10 and 0/10 females of the control, low, mid and high dose group, respectively.

### Ingestion:

SPECIES: Rats, mice, rabbits, and guinea pigs  
ENDPOINT: LD50 ; VALUE: 2000 to 9600 mg/kg bw  
REFERENCE SOURCE: [Danish EPA (2003) Report on the Health Effects of Selected Pesticide Coformulants. Pesticide Research No 80.]

### Skin:

SPECIES:  
ENDPOINT: LD50; VALUE: 2700 mg/kg  
REFERENCE SOURCE: [Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128) V.1-12, 1982-1993. Discontinued. (12,139,1993)] [RTECS]

### Eye:

SPECIES: Rabbit ; RESULT: Irritating  
REFERENCE SOURCE: (80) Ballantyne, B (1984), J. Toxicol. Cut. Ocular Toxicol. 3, 7. (IUCLID 2000)  
REMARK: EC Classification: Irritating  
R-PHRASE: R 36 Irritating to eyes. [IUCLID 2000]

## Section 12: Ecological Information

No information available for this product.

### Environmental Precautions:

### Ecological Toxicity:

### Environmental Risk:

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

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## Section 14: Transport Information

Not regulated as hazardous for transportation

UN No:

Proper Shipping Name:

Dangerous Goods Class:

Subsidiary risk

Packing Group:

Hazchem Code:

## Section 15: Regulatory Information

HSNO Approval No: HSR002525

Group Standard: Cleaning Products(Combustible)

HSNO Classes: 3.1D, 6.1E, 6.3A, 6.4A, 6.9B, 9.1C

## Section 16: Other Information

**New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]**

**New Zealand Emergency Services: 111**

**For General Information:** John Crombie, Manager, Marketing Chemicals Ltd,  
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Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.

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