



Henkel New Zealand Limited

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MATERIAL SAFETY DATA SHEET

HYDROL DB 31

DANGEROUS GOODS INFORMATION

DESCRIPTION: Flammable Liquid, N.O.S.
(Contains liquid Hydrocarbons)

U.N. NO: 1300
CLASS: 3 (3.2)
SUBSIDIARY RISK: None
PACKAGING GROUP: III
POISONS SCHEDULE: S5, NZS4
HAZCHEM CODE: 3 [Y]
Cas RN No.(s): Not avail.

USE: Water repellent coating

PHYSICAL DATA:

APPEARANCE: Clear liquid
SOLUBILITY: Insoluble in water
SPECIFIC GRAVITY: 0.87
FLASH POINT: 38°C based on white spirit - compound not tested.
BOILING POINT (°C): 145 – 200 approx.
LOWER EXPLOSIVE LIMIT (%): 0.4 approx.
UPPER EXPLOSIVE LIMIT (%): 6.0 approx.

INGREDIENTS

<u>Chemical Entity</u>	<u>Cas. No</u>	<u>%</u>
Hydrocarbon Oils and Solvents	64742-88-7	45 - 55
	64742-95-6	45 – 55
Xylene	1330-20-7	
Ethylbenzene	100-41-4	
Trimethylbenzene	25551-13-7	

HEALTH EFFECTS

FIRST AID

- SKIN:** Remove contaminated clothing and wash affected areas with plenty of soap and water.
- EYES:** Hold eyes open and flush with water for at least 15 minutes. Seek immediate medical attention.
- INHALATION:** Harmful by inhalation. Remove from exposure - avoid becoming a casualty. For all but the most minor symptoms, arrange for patient to be seen by a Doctor as soon as possible, either on site or at the nearest Hospital.
- INGESTION:** If swallowed, do not induce vomiting. Rinse mouth out with water and seek immediate medical advice. Transport to hospital or doctor without delay.
- ADVICE TO DOCTOR:** Treat symptomatically
- TOXICITY INFORMATION:** None available.
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PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No data is available for the compounded material, the following data relates to the ingredients of HYDROL DB 31:

CEL TWA:	80 ppm	480 mg/m ³
ES TWA:	480 mg/m ³	

TLV is the time weighted average concentration of the work atmosphere over a normal 8 hour work day and a 40 hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect.

- VENTILATION:** None required under normal conditions of use but if vapour or mist is being generated, use a local mechanical exhaust.
- PERSONAL PROTECTION:** Use good industrial hygiene. Avoid all contact, wear full protective clothing, rubber boots, impervious gloves.
- FLAMMABILITY:** Flammable. Flash point 38°C approximately.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

- TRANSPORT:** This product is a Class 3 flammable liquid. Observe the requirement of the New Zealand Code for the Transport of Dangerous Goods by Road and Rail.
- STORAGE:** Store indoors in a dry, well ventilated area. Observe the requirements of appropriate flammable and combustible liquid codes. Keep containers sealed when not in use. Protect from physical damage. Keep away from strong heat sources and oxidizing agents. Observe restrictions for flammable liquids.
- PACKAGING:** 200 λ open head mild steel drums.
To Packaging Group III.
- INCOMPATIBILITY:** Keep away from strong heat sources and oxidizing agents.
- HANDLING:** Observe recommendations made under Precautions for Use. Spills are slippery. Avoid accidents, clean up spills immediately.
- In use, may form flammable/explosive vapour air mixture. Therefore use in well ventilated areas. Keep away from sources of ignition. Do not smoke. For containers of more than 1 λ, keep precautions against static discharges.
- FIRST AID FACILITIES:** Eye wash and safety shower.

SPILLS AND DISPOSAL

- SPILLS:** Contain and absorb spill in inert diking material such as earth or sand. Place contaminated diking material in suitable containers ready for disposal. Flush residual spill to drain with plenty of water.
- DISPOSAL:** Refer to Land Waste Management Authority. Normally suitable for disposal by incineration or disposal at approved land waste site.
- CONTAINERS:** Containers should be allowed to stand opened and upended to allow contents to drain thoroughly before returning to supplier or disposal to drum reconditioner or approved landfill site.

SPECIAL PROTECTION PROCEDURES: Liquid and vapour flammable. Use water to cool exposed containers. Take action to prevent run-off entering drains.

UNUSUAL FIRE AND EXPLOSION HAZARD: None. Products of combustion will include carbon monoxide and carbon dioxide.

EXTINGUISHING MEDIA: Suitable. CO₂ dry chemical, water fog. Unsuitable. Water jet.

NOTICE

THIS MATERIAL SAFETY DATA SHEET MUST BE MADE AVAILALE TO ALL PERSONS WHO, BY THE NATURE OF THEIR EMPLOYMENT, MAY HANDLE OR COME INTO CONTACT WITH THIS MATERIAL.

DISCLAIMER

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel New Zealand Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel New Zealand Limited concerning the properties of the material.

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