

SAFETY DATA SHEET

CHAIN OIL ECO 68

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME CHAIN OIL ECO 68
PRODUCT NO. IL60068, 163706
APPLICATION Chain lubricant
SUPPLIER MacDermid plc
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EMERGENCY TELEPHONE 24 Hour Emergency Incident Number +44 (0)1235 239 670

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
RAPESEED OIL		95193-59-2	60-100%	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Rinse nose, mouth and throat with water. Get medical attention.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Avoid discharge to the aquatic environment.

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SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid eating, drinking and smoking when using the product. Contaminated rags and cloths must be put in fireproof containers for disposal.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Protect from freezing

STORAGE CLASS

Chemical storage.

MIN. STORAGE TEMP (°C) 5

MAX. STORAGE TEMP (°C) 40

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Seek advice from supervisor on the companies' respiratory protection standards.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended. Seek advice from local supervisor.

EYE PROTECTION

The use of eye protection is recommended.

OTHER PROTECTION

Provide eyewash station. Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash hands after contact. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Amber		
ODOUR	Slight odour		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.89 - 0.91 @ 15°C	FLASH POINT (°C)	150°C CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid frost.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

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11 TOXICOLOGICAL INFORMATION

INHALATION

Avoid forming spray/aerosol mists. Spray mists may cause respiratory tract irritation.

INGESTION

May cause discomfort if swallowed. May irritate and cause stomach pain, vomiting and diarrhoea. No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking. Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

May cause temporary eye irritation. Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

WATER HAZARD CLASSIFICATION

WGK 1

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Environmental manager must be informed of all major spillages. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Confirm disposal procedures with environmental engineer and local regulations.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Regulation (EC) No 790/2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP).

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 20/04/2010

REV. NO./REPL. SDS 1
GENERATED

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SAFETY DATA SHEET STATUS

Approved.

SIGNATURE SB**SIGNATURE 2** BH**RISK PHRASES IN FULL**

NC Not classified.

DISCLAIMER

This information relates only to the specific material as supplied and may not be valid for such material if used in combination with any other material(s) or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. The data should not be construed as guaranteeing specific properties of the product described or its suitability for a particular application, nor does it make any warranty, either express or implied of merchantability for the product itself. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.