



EXCELLENCE IN LUBRICANTS

SAFETY DATA SHEET

Excefluid ACL



EXOL LUBRICANTS LIMITED

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Excellfluid ACL

Product Code: S051

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING
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1.1 Product Identifier	Excellfluid ACL
Product Code	S051
1.2 Relevant identified uses of the substance or mixture and uses advised against	Emulsifiable fluid for metalworking applications Do not use in any other application.
1.3 Company	Exol Lubricants Limited All Saints Road Wednesbury, West Midlands, WS10 9TS
1.4 Emergency Telephone Number	+44 (0) 121 568 6800 (Monday – Friday 08.30 – 17.00 hrs GMT)
1.5 Other Information	Preparation Date: 16/02/2016

SECTION 2	HAZARD IDENTIFICATION
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2.1 Classification of the substance or mixture	CLP Classification: STOT RE 2: H373, Eye Dam. 1: H318, Skin Irrit. 2: H315
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See section 16 for full text of H Statements

2.2 Label Elements

Labelling in accordance with CLP



DANGER



DANGER

Hazard Statements: H315: Causes skin irritation.
H318: Causes serious eye damage.
H373: May cause damage to lungs through prolonged or repeated exposure.

Precautionary Statements: P260: Do not breathe mist.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P305+351+338: 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 CENTER or doctor.
P314: Get medical advice/attention if you feel unwell.
PBT: This substance is not identified as a PBT/vPvB substance.

2.3 Other Hazards

SECTION 3	COMPOSITION/ INFORMATION ON INGREDIENTS
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3.2 Mixtures				
Hazardous Ingredients	EINECS	REACH Reg. No.	GHS Classification	Conc. %
2-Amino-2-methyl-1-propanol	204-709-8	01-2119475788-16	Skin Irrit. 2: H315 Eye Dam. 1: H318 Aquatic Chronic 3: H412	10-30
Ethylene Diglycol	203-872-2	01-2119457857-21	Acute Tox. 4: H302 STOT RE 2: H373 Skin Irrit. 2: H315	1-10
Benzotriazole	202-394-1	01-2119979079-20	Eye Irrit. 2: H319 Acute. Tox 4: H302	1-10
MIPA/Boron Complex	247-422-3	-	Skin Irrit. 2: H315 Eye Irrit. 2: H319	1-10



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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

- Eyes** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Skin** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Ingestion** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation** Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2 Most important symptoms and effects, both acute and delayed

- Skin Contact:** There may be irritation and redness at the site of contact.
- Eye Contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Eye bathing equipment should be available on the premises

SECTION 5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers
- 5.2 Specific hazards arising from the substance or mixture** In combustion emits toxic fumes.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4 Reference to other sections** Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
- 7.2 Conditions for safe storage, including any incompatibilities** **Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Plastic / Metal
- 7.3 Specific end use(s)** No data available

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters** No data available
- 8.2 Exposure controls** **Engineering measures:** Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Protective gloves.
Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection: Protective clothing.



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SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Does not constitute a specification

Typical Values		
Grade:		Excellfluid ACL
	Units	
Appearance		Colourless Liquid
Odour		Characteristic
Odour Threshold		No data available
pH		9.2 (typ)
Relative density		1.09 typ
Solubility - water	kg/m³	Soluble
Melting Point	°C	No data available
Initial boiling point and range	°C	No data available
Flash point	°C	>200
Flammability		No data available
Upper/lower flammability or explosive limits		No data available
Vapour pressure	kPa (0.1 mm Hg)	No data available
Partition coefficient n-octanol/water	Log Pow	No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm²/s	Non-viscous
Evaporation rate		No data available
Vapour density		Not applicable
Explosive properties		None
Oxidising properties		No data available

9.2 Other Information Not Applicable.

SECTION 10 | STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommend transport or storage conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4 Conditions to avoid	Protect from frost and direct sunlight.
10.5 Incompatible materials	Strong oxidising agents, strong acids
10.6 Hazardous decomposition products	In combustion emits toxic fumes

SECTION 11 | TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin Contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.



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Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other Information: The labelling of this material relates to the concentrated material within the packaging. The product when diluted in water will not require the same risk and safety requirements.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
12.2 Persistence and Degradability	Not biodegradable.
12.3 Bioaccumulative Potential	No data available
12.4 Mobility in Soil	Soluble in water
12.5 Results of PBT and vPvB Assessment	This product is not identified as a PBT substance.
12.6 Other Adverse Effects	No data available

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal Operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of Packaging: Dispose of as normal industrial waste.

Note: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14 TRANSPORT INFORMATION

Not classified as dangerous goods for carriage under ADR/RID/AND/IMDG/ICAO/IATA regulations

14.1 UN Number	None
14.2 UN Proper Shipping Name	None
14.3 Transport Hazard Class	None
14.4 Packing Group	None
14.5 Environmental Hazards	Not classified as an Environmentally hazardous substance/Marine Pollutant
14.6 Special Precautions for User	See section 8 for safe handling
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable to packaged goods

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

No information available

SECTION 16 OTHER INFORMATION

Second Issue

First Issue August 2009: revised to Reach version 2 format

Full text of classification data in sections 2 and 3

H302:	Harmful if swallowed.
H315:	Causes skin irritation.
H318:	Causes serious eye damage.
H319:	Causes serious eye irritation.
H373:	May cause damage to lungs through prolonged or repeated exposure [Oral]
H412:	Harmful to aquatic life with long lasting effects.