



EXCELLENCE IN LUBRICANTS

SAFETY DATA SHEET

Excefluid GP



EXOL LUBRICANTS LIMITED

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Excellfluid GP

Product Code: S015

SECTION 1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

1.1 Product Identifier	Excellfluid GP
Product Code	S015
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: 24/03/2015

SECTION 2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

CLP Classification:
Eye Irritant, Hazard Category 2; H319
Skin Irritant, Hazard Category 2; H315
Not classified as dangerous for the Environment

See section 16 for full text of H and R phrases

2.2 Label Elements

Classification to DPD (1999/45/EC) and CHIP
Xi; R36/38; Irritating to eyes and skin
Labelling in accordance with CLP



WARNING

H319 Causes serious eye irritation
H315 Causes skin irritation

P264 Wash thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+351+338 If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do. Continue rinsing.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337+313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
Labelling in accordance with CHIP



R36/38: Irritating to eyes and skin

S2: Keep out of the reach of children.
S3: Keep in a cool place.
S3/14: Keep in a cool place away from heat sources.
S20/21: When using do not eat, drink or smoke.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27: Take off immediately all contaminated clothing.



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S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S29: Do not empty into drains.
Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

2.3 Other Hazards

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures Hazardous Ingredients	EINECS	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
Orthoboric acid, comp with 2 amino ethanol rev 1	247-421-8	Not Available	-	-	1-10
Amine neutralised carboxylic acids	-	Not Available	Eye Irrit. 2; H319 Skin Irrit. 2; H315	Xi; R36/38	1-10
Alkyl Dicarboxylate ionic complex secondary amine free	282-908-9	Not Available	Skin Irrit. 2: H135	Xi; R38	1-10
2,2 – Butoxyethoxy ethanol	203-961-6	Not Available	Eye Irrit. 2: H319	Xi; R36/38	1-10
Proprietary Alkanolamine ionic complex secondary amine free	-	Not Available	-	Xi; R36/38	1-10
3 – Iodo-2-propynyl butylcarbamate	259-627-5	Not Available	Acute Tox. 4: H302 Eye Dam. 1: H318 Skin Sens. 1: H317 STOT SE 3: H335 Aquatic Acute 1; H400 Acute Tox. 4; H332	Xn; R20/22 Xi: R41 Xi: R37 Sens.: R43 N: R50	<1

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

- Eyes** Wash eye thoroughly with copious quantities of water for 15 minutes ensuring eyelids are held open. Transfer to hospital for specialist examination.
- Skin** It is advisable that with any mineral oil containing lubricant, that good hygiene processes are adhered. Any spillages onto the skin are washed with soap and water. Application of a suitable barrier cream is also recommended after washing the affected area. Wash immediately with plenty of soap and water.
- Ingestion** Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.
- Inhalation** Not thought to be a concern. Albeit, the user must carry out risk assessment to determine the level of cutting fluid "MIST" in the atmosphere to be within guide limits.

4.2 Most important symptoms and effects, both acute and delayed

- Skin Contact:** There may be mild irritation at the site of contact.
Eye Contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tools, step back for 15 seconds to allow dissipation of vapour.

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

Not applicable.

SECTION 5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** Water spray. Carbon dioxide. Dry chemical powder.
- 5.2 Specific hazards arising from the substance or mixture** Combustible.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Refer to section 8 for personal protection measures
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.



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- 6.3 Methods and material for containment and cleaning up Absorb into dry earth or sand.
6.4 Reference to other sections Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling Observe good hygiene practices and use a suitable barrier cream at regular intervals.
7.2 Conditions for safe storage, including any incompatibilities Store in a cool, well-ventilated area.
7.3 Specific end use(s) No data available.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters
- | Country | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------|-----------|-------------------------|----------------------|
| | | No data available | No data available |
- 8.2 Exposure controls
- Engineering Measures:** Ensure there is sufficient ventilation of the area.
Respiratory Protection: Unlikely to be required in normal use when diluted in water for machining applications.
Hand Protection: Protective gloves.
Eye Protection: Safety glasses.
Skin Protection: Protective clothing. Use a suitable barrier cream at regular intervals and observe good hygiene practices.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Typical Values

Grade:	Units	Excellfluid GP
Appearance		Amber Liquid
Odour		Bland
Odour Threshold		No data available
pH		9.3 typ
Relative density	kg/m ³	1.00 typ
Solubility - water		Soluble
Freezing Point	°C	No data available
Initial boiling point and range	°C	No data available
Flash point	°C	>150
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	Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm ² /s	Non-viscous
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		None
Oxidising properties		None

- 9.2 Other Information No data available

SECTION 10 STABILITY AND REACTIVITY

- 10.1 Reactivity Stable under recommended transport or storage conditions.
10.2 Chemical stability Stable under normal conditions of use.
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 Direct sunlight.



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10.5 Incompatible materials

None given.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity	OPT Dermal – Irritation – Hazardous: Calculated
Corrosivity/Irritation	
- Eye	There may be irritation and redness.
- Skin	There may be mild irritation at the site of contact.
- Ingestion	There may be soreness and redness of the mouth and throat.
- Respiratory Tract	If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tool, step back for 15 seconds to allow dissipation of vapour.
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 bioaccumulation potential.
12.4 Mobility in Soil	No information given
12.5 Results of PBT and vPvB Assessment	This product is not identified as a PBT/vPvB substance.
12.6 Other Adverse Effects	None given.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Send to registered waste disposal site using services of a registered waste disposal contractor.

Disposal of packaging: Dispose of as normal industrial waste. **NB:** 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	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.



SECTION 16 | **OTHER INFORMATION**

Fourth Issue

Third Issue August 2014: Changed to new format.

Second Issue: April 2014 revised to show new classification

First Issue: January 2008 revised to Reach version 2 format

Full text of classification data in sections 2 and 3

H302:	Harmful if swallowed
H314:	Causes severe skin burns and eye damage
H315 :	Causes skin irritation
H317:	May cause an allergic skin reaction
H318 :	Causes serious eye damage
H319 :	Causes serious eye irritation
H332:	Harmful if inhaled
H335:	May cause respiratory irritation
H400:	Very toxic to aquatic life
R36/38	Irritating to eyes and skin
R20/22	Harmful by inhalation and if swallowed
R21/22	Harmful in contact with skin and if swallowed
R36:	Irritating to eyes.
R37/38:	Irritating to respiratory system and skin.
R34	Causes burns
R37	Irritation to respiratory system
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R50	Very toxic to aquatic organisms
R52	Harmful to aquatic organisms