



**EXCELLENCE IN LUBRICANTS**

## *SAFETY DATA SHEET*

Excelfluid NP



**EXOL LUBRICANTS LIMITED**

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# SAFETY DATA SHEET


## Excellfluid NP

Product Code: S007

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

1.1 Product Identifier	Excellfluid NP
Product Code	S007
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	<b>CLP Classification:</b> Skin Irrit. H315; Eye Irrit. 2: H319; -:EUH208  Not classified as dangerous for the Environment  See section 16 for full text of H and R phrases  <b>Classification to DPD (1999/45/EC) and CHIP</b> No classification under CHIP
2.2 Label Elements	Labelling in accordance with CLP   <b>WARNING</b> EUH208: Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction H315: Causes skin irritation H319: Causes serious eye irritation  <b>Precautionary statements</b> P264: Wash skin 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. <b>Labelling in accordance with CHIP</b> <b>Hazard symbols:</b> No significant hazard.
2.3 Other Hazards	PBT: This product is not identified as a PBT/vPvB substance.

### SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures Hazardous Ingredients	EINECS	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
Mixture 2	-	Not Available	-	Xi: R36/38	1-10



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Alkyl Dicarboxylate Ionic Complex Secondary Amine Free	282-908-9	Not Available	Skin Irrit. 2 : H315	Xi: R38	1-10
Proprietary Alkanolamine Ionic Complex Secondary Amine Free	-	Not Available	-	Xi: R37/38	1-10
Mono Di-Glycol Phosphate Ester Salt 1-4%	-	Not Available	-	Xi; R36	1-10
Alkanolamine Carboxylate Condensate Secondary Amine Free	282-908-9	Not Available	-	Xi: R36	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
2,2-Butoxyethoxy Ethanol	203-961-6	112-34-5	Eye Irrit. 2 : H319	Xi: R36/38	<1

## SECTION 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Eyes</b>	Wash eye thoroughly with copious quantities of water for 15 minutes ensuring eyelids are held open. Transfer to hospital for specialist examination.
<b>Skin</b>	Wash immediately with plenty of soap and water.
<b>Ingestion</b>	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.
<b>Inhalation</b>	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	Control release of this material with sand or water. Do not allow entering drains or any water sources i.e. rivers. Dispose as industrial waste.
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.
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.
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- 7.2 **Conditions for safe storage, including any incompatibilities** Store in cool, well-ventilated area.  
**Suitable Packaging:** Plastic/Metal
- 7.3 **Specific end use(s)** No data available.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	Substance	Long Term (8 Hours TWA)	Short Term (15 Mins)
Country		No data available	No data available
8.2 Exposure controls	<b>Engineering Measures:</b> Ensure there is sufficient ventilation of the area. <b>Respiratory Protection:</b> This product contains volatile ethanolamine and therefore is always good practice to use respiratory protection if poor levels of extraction from area of use. <b>Hand Protection:</b> Protective gloves. <b>Eye Protection:</b> Use chemical safety glasses or face shield. <b>Skin Protection:</b> Protective clothing		

## 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 NP
Appearance		Amber Liquid
Odour		Bland
Odour Threshold		No data available
pH		9.3 typ
Relative density	kg/m <sup>3</sup>	0.925 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 <sup>2</sup> /s	Non-viscous
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		None
Oxidising properties		None

- 9.2 **Other Information** Not Applicable.

## 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.
- 10.5 **Incompatible materials** None given.
- 10.6 **Hazardous decomposition products** None given.



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## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Toxicity values** No data available.

### 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.

## 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	This product is non-volatile and water-soluble
12.5 Results of PBT and vPvB Assessment	This product is not identified as a PBT/vPvB substance.
12.6 Other Adverse Effects	None known.

## 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	No Data Available.
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

Seventh Issue  
Sixth Issue September 2014: Changed to new format.  
Fifth Issue: August 2014 revised for new classification  
Fourth Issue: January 2014 revised for new classification  
Third Issue: November 2012 revised for new formulation  
Second Issue: March 2012 revised for new formulation



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Previous Issue: January 2008 revised to Reach version 2 format

**Full text of classification data in sections 2 and 3**

H302: Harmful if swallowed.

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.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R37: Irritating to respiratory system.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms.

R20/22: Harmful by inhalation and if swallowed.