



Material Safety Data Sheet 28/06/2022, Rev.5

SECTION 1 Identification of the substance/mixture and of the company

1.1. Product identifier

Product name: XDP 2400
Type of product: Semisynthetic fluid for metal machining
Code n°: 81214

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer: Excision
Address: 35 Peck Street, Hamilton VIC 3300 Australia
Tel: +61 (0)3 5551 4555
Fax: Not Available
E-mail: info@excision.com.au


1.4. Emergency telephone number

Tel: +61 (0)3 5551 4555

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 :

 Attention, Skin Sens 1 . May cause an allergic skin reaction.

 Attention, Eye Irrit 2, . Causes serious eye irritation.

 Aquatic Chronic 3, Harmful to aquatic life with long lasting effects

2.2. Label elements

Symbols:



Signal word

Danger

Hazard statement(s):

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects



Precautionary statements:

P264 Wash ... thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains:

1,2-bencisotiazol-3-ona

3-yodo-2-propynylbutyl carbamate

May produce an allergic reaction.

2.3. Other hazards

No PBT nor mPmB substance, no endocrine disruptor present at a concentration >= 0.1%

Other warnings:

None

SECTION 3 Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Dangerous substances according to CLP Regulation and corresponding classification:

0-50% Base stock

(substance with exposure limits in workplace).

< 3% 2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether

 3.3/2 Eye Irrit. 2 H319

<5% fatty alcohol poliglicolic eter, CAS n° 68920-66-1

 3.2/2/Skin Irrit.2 H315


 4.1/C2 Aquatic Chronic 2 H411

< 10% MDEA, CAS n°: 105-59-9

 3.3/2 Eye Irrit. 2 H319




<1% 3-yodo-2-propynylbutyl carbamate

 Acute Tox. 4, H302; Skin Sens. 1, H317

 STOT RE 1, H372

 3Eye Dam. 1, H318

 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1)

 Acute Tox. 3, H331

<5% Sodium sulfonate CAS N°: 68608-26-4

 3.3/2 Eye Irrit. 2 H319

< 0.5 % 1,2-bencisotiazol-3-ona

 3.2/2 Skin Irrit. 2 H315

 3.3/1 Eye Dam. 1 H318

 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317

 4.1/A1 Aquatic Acute 1 H400

 3.1/4/Oral Acute Tox. 4 H302

SECTION 4 First aid measures

4.1. Description of first aid measures

Skin contact

Remove contaminated clothing and shoes. If there has been contact to some skin, wash is thoroughly with water and soap. Skin cleansing remedies can be used.

Eye contact

Remove contact lenses. Flush eyes with plenty of water until irritation stops, or continue for at least 15 minutes. Make sure to flush under the upper and lower eyelid. Contact a physician at once.

Ingestion

Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the persons head, so that vomit do not run back into the mouth or throat.

Inhalation

Lead the person into fresh air and keep the person under watch.

4.2. Most important symptoms and effects, both acute and delayed

None



4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned.
Get immediate medical advice/attention.
Information to medics
Bring this safety data sheet.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Recommendation:	Water, CO ₂ , foam, chemical dust according to the materials involved in the fire.
Unsuitable extinguishers:	None.

5.2. Special hazards arising from the substance or mixture

Do not inhale gases produced by the explosion and combustion.
Burning produces heavy smokes.

5.3. Advice for firefighters

Use appropriate respiratory equipment.
Collect separately contaminated water used to extinguish the fire. Do not discharge into the sewer.
Is possible, from the point of view of safety, immediately remove the containers undamaged area.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
Remove persons to safety.
See the security measures in sections 7 and 8 .

6.2. Environmental precautions

In order to prevent outlet to the surroundings, put up waste collecting trays/basins. Avoid spreading to lakes, streams, sewers etc. In case of an outlet, to the surroundings, contact the local environmental government.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. If possible, clean with cleaning supplies. Solvents should be avoided.



6.4. Reference to other sections

See sections 8 and 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapors and mists.

Do not use empty containers that have not been previously cleaned. Before transfer operations, ensure that containers have not incompatible waste materials.

Contaminated clothing must be replaced clothing before eat. Reference sections 8 (exposure controls/personal protection).

7.2. Conditions for safe storage, including any incompatibilities

Avoid contact with eat, drink.

Incompatible materials:

None.

Warehouse conditions:

Suitably ventilated areas.

7.3. Specific end use(s)

No particular uses

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Base stock

TLV TWA – 5 mg/m³ (oil mist)

8.2. Exposure controls

General precautions:

Suitably ventilate areas where the product is stored and/or used.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands:

Protective gloves (the glove material has to be impermeable and resistant to the product/ the substance/ the preparation).

Eye protection:

Tightly sealed goggles

Goggles recommended during refilling



Appropriate engineering controls
none

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value
Appearance and color:	Transparent liquid, amber
Smell:	Characteristic
Odor threshold:	N.D.
pH (5%):	9.0
Melting point / freezing point:	N.A.
Initial point and boiling range:	N.D.
Flash point;	N.D.
Evaporation rate:	N.D.
Flammability (solid / gas);	N.A.
Upper / lower limit of flammability or explosiveness	N.D.
Vapor pressure:	N.D.
Vapor density:	N.D.
Relative density (20°C):	0.98 g/cm ³
Solubility (s);	Soluble
Solubility in oil:	N.D.
N-octanol / water partition coefficient;	N.D.
Spontaneous ignition temperature	N.D.
Decomposition temperature:	N.D.
Viscosity:	N.D.
Explosive properties:	N.D.
Combustive properties:	N.D.

9.2. Additional information

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is stable under the conditions

10.2. Chemical stability

The product is stable under the conditions



10.3. Possibility of hazardous reactions

Non specific

10.4. Conditions to avoid

The product is stable under the conditions

10.5. Incompatible materials

No special instructions.

10.6. Hazardous decomposition products

None.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicological information relating to the mix:

N.A.

Toxicological information relating to the main substances in the mixture:

N.A.

Unless specified otherwise, the data required by Regulation (UE)2020/878 listed below should be NA:

- a) acute toxicity;
- b) corrosion or skin irritation;
- c) serious injury or irritation;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) Specific target organ toxicity (STOT) - single exposure;
- i) Specific target organ toxicity (STOT) - repeated exposure
- j) aspiration hazard.

11.2 Information on other hazards

Endocrine disruptive properties

No endocrine disruptor present at a concentration $\geq 0.1\%$

SECTION 12 Ecological information

12.1. Toxicity

Use suitable working methods, avoiding dispersion of the product into the environment.



12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

NA.

12.4. Mobility in soil

NA.

12.5. Results of PBT and vPvB assessment

Substances vPvB ; None

Substances PBT: Nones

12.6. Properties of endocrine alteration

No endocrine disruptor present at a concentration $\geq 0.1\%$

12.7. Other adverse effects

None

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Recover used product if possible. Use in accordance with legal regulations or common industrial practice.

SECTION 14 Transport information

14.1. UN number

Product is not dangerous according to current transport regulations

14.2. UN proper shipping name

N.A

14.3. Transport hazard class(es)

N.A

14.4. Packing group

N.A

14.5. Environmental hazards

N.A

14.6. Special precautions for user

N.A



- 14.7. Maritime transport in bulk according to IMO instruments
N.A.

SECTION 15 Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents during work)
Dir 2000/39/EC (Occupational Exposure Limits)
Dir 2006/8/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (UE) n. 758/2013
Regulation (UE) n. 2020/878
Regulation (UE) n. 286/2011 (ATP 2 CLP)
Regulation (UE) n. 618/2012 (ATP 3 CLP)
Regulation (UE) n. 487/2013 (ATP 4 CLP)
Regulation (UE) n. 944/2013 (ATP 5 CLP)
Regulation (UE) n. 605/2014 (ATP 6 CLP)
Regulation (UE) n. 2015/1221 (ATP 7 CLP)
Regulation (UE) n. 2016/918 (ATP 8 CLP)
Regulation (UE) n. 2016/1179 (ATP 9 CLP)
Regulation (UE) n. 2017/776 (ATP 10 CLP)
Regulation (UE) n. 2018/669 (ATP 11 CLP)
Regulation (UE) n. 2018/1480 (ATP 13 CLP)
Regulation (UE) n. 2019/521 (ATP 12 CLP)

Restrictions relating to the product or contained substances according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

None.

Where applicable, refer to the following standards:

Directive 2012/18/EU (Seveso III).

Regulation (EC) No 648/2004 (detergents).

Dir.2004/42/CE (directive COV)

Provisions on EU Directive 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1.

None

- 15.2. Chemical safety assessment : None

SECTION 16 Other information

Text of phrases referred to under heading 3:



H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects
H315 Causes skin irritation
H302 Harmful if swallowed.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H372 Causes damage to organs through prolonged or repeated exposure
H332 Harmful if inhaled.
H318 Causes serious eye damage

This document has been prepared by a competent person who has received adequate training

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinhold

CCNL - Allegato 1 "TLV of 1989-90"

Indicate additional literature consulted

The information contained here is based on our knowledge at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality. The user must ensure the adequacy and accuracy of this information in relation to the specific use of the product should do.

This MSDS cancel and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS = Chemical Abstracts Service (American Chemical Society).

CLP: Classification, labeling, packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ETA: Estimation of acute toxicity

ETAmix: Estimation of acute toxicity (mixtures)

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of classification and labeling of chemicals.

IATA: International Air Transport Association.

IATA-DGR: Standards applied to dangerous goods by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation.

ICAO-TI: Technical Instructions "Organization International Civil Aviation" (ICAO).

IMDG: International Maritime Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.



KST: coefficient explosion.

LC50: Lethal concentration for 50% of the exposed population.

LD50: Lethal dose for 50% of the exposed population.

LTE: Long-term exposure.

PNEC: predicted no effect concentration

RID: Regulations concerning the international carriage of dangerous goods by rail.

STE: Short-term exposure.

STEL: level of short-term exposure.

STOT: Specific target organ toxicity.

TLV: Threshold Limit Value.

TWATLV: threshold limit value time weighted average of eight hours per day (Standard ACGIH).

WGK: Hazard class for water (Germany).