

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Name : XDP System Cleaner

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Degreaser for industrial applications  
Restrictions on use : Not to be used for any purpose other than the one the product was designed for

#### 1.4. Details of manufacturer or importer

Excision  
35 Peck Street  
Hamilton VIC 3300  
AUSTRALIA  
T Free call (Australia Only): 1800 633 448 / +61 (03) 5551 4555  
[info@excision.com.au](mailto:info@excision.com.au) - [excision.com.au](http://excision.com.au)

#### 1.5. Emergency phone number

Emergency number : Free call (Australia Only): 1800 633 448 / +61 (03) 5551 4555

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity — Repeated exposure, Category 1	H372

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Corrosion      Exclamation mark      Health hazard

Signal word (GHS AU) :

Danger

Contains :

2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (< 30 %); sodium hydroxide; caustic soda (< 10 %)

Hazard statements (GHS AU) :

H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS AU) :

P260 - Do not breathe spray, vapours.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear face shield, protective clothing, protective gloves.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
P308+P311 - IF exposed or concerned: Call a POISON CENTER or doctor.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%
2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine	4719-04-4	< 30
sodium hydroxide; caustic soda	1310-73-2	< 10

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Call a physician immediately. For skin burns, immediately flood the burnt area with plenty of water. Do not remove the chemical and the clothing. Chemical burns must be treated promptly by a physician.  
First-aid measures after eye contact : Call a physician immediately. Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.  
First-aid measures after ingestion : Call a physician immediately. Rinse mouth. Do not induce vomiting.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Symptoms/effects after ingestion : Burns.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Unsuitable extinguishing media are not known.

### 5.2. Specific hazards arising from the chemical

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.  
Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapours.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind. Fight fire from safe distance and protected location.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  
Hazchem Code : 2X

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

Information on mixed storage : Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Storage area : Keep out of direct sunlight.

Special rules on packaging : Position containers so that any labeling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.

Packaging materials : Keep only in original packaging.

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

##### sodium hydroxide; caustic soda (1310-73-2)

##### Australia - Occupational Exposure Limits

Local name	Sodium hydroxide
OES C	2 mg/m <sup>3</sup>
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

#### 8.2. Monitoring methods

Monitoring methods : Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents.

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### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Avoid all unnecessary exposure. Safety shower with an appropriate liquid. Ocular shower with suitable liquid.

Hand protection : Wear gloves resistant to chemical penetration

Eye protection : Eye protection is provided by the respiratory protection (see section)

Skin and body protection : Wear foot protection: Chemical resistant boots. Wear protective clothing: Impervious clothing. Use protective apron: Chemical resistant apron

Respiratory protection : Wear appropriate mask: Combined full gas/dust mask with filter type

#### Personal protective equipment symbol(s)



Other information : The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

## SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : No data available

Colour : brown

Odour : characteristic

Odour threshold : No data available

pH : 12  
5 vol %

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : Melting point: Not applicable

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative density : No data available

Density : No data available

Solubility : Soluble.

Partition coefficient n-octanol/water (Log Pow) : No data available

Explosive properties : No data available

Explosive limits : No data available

Minimum ignition energy : No data available

Fat solubility : No data available

## SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : None under recommended storage and handling conditions (see section 7).

Incompatible materials : Strong acids. Strong bases. Strong oxidizers.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
LD50 oral rat	763 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, Rat, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	0.371 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))

Skin corrosion/irritation : Causes severe skin burns.  
pH: 12  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 12  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
LOAEL (oral, rat, 90 days)	285.2 – 338.6 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEL (dermal, rat/rabbit, 90 days)	> 250 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.3250 (Subchronic Dermal Toxicity 90 Days)
NOAEL (oral, rat, 90 days)	64.1 – 91 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	> 250 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.3250 (Subchronic Dermal Toxicity 90 Days), Remarks on results: not determinable due to absence of adverse toxic effects
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
LC50 - Fish [1]	16.07 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	11.9 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	6.66 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
Partition coefficient n-octanol/water (Log Pow)	-2.3 – -1.3 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 24 °C)

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<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, PCKOCWIN v1.66, Calculated value)

<b>sodium hydroxide; caustic soda (1310-73-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC

### 12.2. Persistence and degradability

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
Persistence and degradability	Readily biodegradable in water.

<b>sodium hydroxide; caustic soda (1310-73-2)</b>	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

### 12.3. Bioaccumulative potential

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	-2.3 – -1.3 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 24 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, PCKOCWIN v1.66, Calculated value)
Bioaccumulative potential	Not bioaccumulative.

<b>sodium hydroxide; caustic soda (1310-73-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC
Bioaccumulative potential	Not bioaccumulative.

### 12.4. Mobility in soil

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	-2.3 – -1.3 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 24 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology1 (log Koc, PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.

<b>sodium hydroxide; caustic soda (1310-73-2)</b>	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

<b>XDP System Cleaner</b>	
Fluorinated greenhouse gases	False

<b>2,2',2''-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol; 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine (4719-04-4)</b>	
Fluorinated greenhouse gases	False

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### sodium hydroxide; caustic soda (1310-73-2)




Fluorinated greenhouse gases

False

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

ADG	IMDG	IATA
<b>14.1. UN number</b>		
3262	3262	3262
<b>14.2. UN Proper Shipping Name</b>		
CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide; caustic soda)	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide; caustic soda)	Corrosive solid, basic, inorganic, n.o.s. (sodium hydroxide; caustic soda)
<b>14.3. Transport hazard class(es)</b>		
8	8	8
		
<b>14.4. Packing group</b>		
I - substances presenting high danger	I	I
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

## 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

## 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. (ADG) : 3262  
Special provision (ADG) : 274  
Limited quantities (ADG) : 0  
Excepted quantities (ADG) : E0  
Packing instructions (ADG) : P002, IBC07  
Special packing provisions (ADG) : B1  
Portable tank and bulk container instructions (ADG) : T6  
Portable tank and bulk container special provisions (ADG) : TP33

### Transport by sea

UN-No. (IMDG) : 3262  
Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 0  
Excepted quantities (IMDG) : E0  
Packing instructions (IMDG) : P002  
IBC packing instructions (IMDG) : IBC07

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IBC special provisions (IMDG)	: B1
Tank instructions (IMDG)	: T6
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### Air transport

UN-No. (IATA)	: 3262
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: 858
PCA max net quantity (IATA)	: 1kg
CAO packing instructions (IATA)	: 862
CAO max net quantity (IATA)	: 25kg
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L

### 14.8. Hazchem or Emergency Action Code

Hazchem Code	: 2X
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS : All the chemicals contained in this product are listed introductions Inventory) status

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Unscheduled substance

### 15.2. International agreements

No additional information available



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### SECTION 16: Other information

Data sources :

- Safe Work Australia - Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals
- Safe Work Australia - Code of Practice - Labelling of Workplace Hazardous Chemicals
- Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants
- Safe Work Australia - Hazardous Chemical Information System (HCIS)
- Australian Inventory of Industrial Chemicals (AICIS Inventory)
- Environmental Protection Authority - Hazardous Substances (Hazard Classification) Notice 2020
- Environmental Protection Authority - Hazardous Substances (Safety Data Sheets) Notice 2017
- Environmental Protection Authority - Hazardous Substances (Labelling) Notice 2017
- New Zealand - Chemical Classification and Information Database (CCID)
- New Zealand - Inventory of Chemicals (NZIoC)
- European Chemicals Agency (ECHA) - Annex VI (C&L Inventory)
- European Chemicals Agency (ECHA) - REACH Study Results
- European Chemicals Agency (ECHA) - REACH Registration Dossiers
- United Nations - Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
- Uniform Scheduling of Medicines and Poisons (SUSMP)
- United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG Model Regulation)
- Australian Dangerous Goods Code (ADG Code)
- International Air Transport Association Dangerous Goods Regulations (IATA DGR)
- International Maritime Dangerous Goods (IMDG Code).

Classification	
Skin Corr. 1	H314
Eye Dam. 1	H318
Skin Sens. 1	H317
STOT RE 1	H372

Full text of H-statements	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Dam./Irrit. Not classified	Serious eye damage/eye irritation Not classified
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H331	Toxic if inhaled
H372	Causes damage to organs through prolonged or repeated exposure

Safety Data Sheet (SDS), Australia

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.