

**SAFETY DATA SHEET**  
INSTRUMENT DISINFECTANT LIQUID EXTRA

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**Compilation date:** 28/11/18  
**Revision date:** 07/01/21  
**Revision No:** 7

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** INSTRUMENT DISINFECTANT LIQUID EXTRA

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Topdental (Products) Ltd  
12 Ryefield Way  
Silsden  
West Yorkshire  
BD20 0EF  
**Tel:** +44 01535652750  
**Fax:** +44 01535652751  
**Email:** [science@topdental.co.uk](mailto:science@topdental.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +44 01535652750  
Office hours: 08.30 - 17:00 (UK)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Eye Dam. 1: H318; Aquatic Chronic 1: H410; Skin Irrit. 2: H315

**Most important adverse effects:** Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**UFI:** 3X00-W0GP-900K-VWW7

**Hazard statements:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion

GHS09: Environmental



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**Signal words:** Danger

**Precautionary statements:** P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P235: Keep cool.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P410: Protect from sunlight.

**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:**

ALCOHOLS, C9-11, ETHOXYLATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
614-482-0	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

219-145-8	2372-82-9	-	Acute Tox. 3: H301; Skin Corr. 1A: H314; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1-10%
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N,N-DIDECYL-N-METHYL-POLY(OXYETHYL)AMMONIUM PROPIONATE

-	94667-33-1	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1-10%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**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.

[cont...]

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**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.

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

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

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**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**

**Personal precautions:** 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**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** 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**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

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**7.1. Precautions for safe handling**

**Handling requirements:** 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.

**7.3. Specific end use(s)**

**Specific end use(s):** PC8: Biocidal products (e.g. Disinfectants, pest control).

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** No special requirement.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Green

**Odour:** Fresh aroma

**pH:** 10.00 - 11.00

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

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**10.3. Possibility of hazardous reactions**

**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**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Not applicable.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**ALCOHOLS, C9-11, ETHOXYLATED**

DERMAL	-	LD50	>2000	mg/kg
ORAL	-	LD50	>300 - <=2000	mg/kg

**N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE**

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	871	mg/kg

**N,N-DIDECYL-N-METHYL-POLY(OXYETHYL)AMMONIUM PROPIONATE**

ORAL	RAT	LD50	1157	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	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.

**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.

[cont...]

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**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**ALCOHOLS, C9-11, ETHOXYLATED**

ALGAE	72H IC50	>10-<=100	mg/l
FISH	72H IC50	>10-<=100	mg/l

**N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE**

BLUEGILL ( <i>Lepomis macrochirus</i> )	96H LC50	0.45	mg/l
Daphnia magna	48H EC50	0.073	mg/l
GREEN ALGA ( <i>Selenastrum capricornutum</i> )	96H ErC50	0.054	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	0.68	mg/l

**N,N-DIDECYL-N-METHYL-POLY(OXYETHYL)AMMONIUM PROPIONATE**

BLUEGILL ( <i>Lepomis macrochirus</i> )	96H LC50	0.52	mg/l
Daphnia magna	48H EC50	0.07	mg/l
ZEBRAFISH ( <i>Brachydanio rerio</i> )	96H LC50	0.78	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

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

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

[cont...]

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**Section 14: Transport information**

**14.1. UN number**

UN number: UN1903

**14.2. UN proper shipping name**

Shipping name: DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
(N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE)

**14.3. Transport hazard class(es)**

Transport class: 8

**14.4. Packing group**

Packing group: III

**14.5. Environmental hazards**

Environmentally hazardous: Yes

Marine pollutant: No

**14.6. Special precautions for user**

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

**Section 15: Regulatory information**

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

Specific regulations: Not applicable.

**15.2. Chemical Safety Assessment**

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**

**Other information**

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H301: Toxic if swallowed.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H373: May cause damage to organs through prolonged or repeated exposure.

[cont...]

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H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

