



...advanced chemical solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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EP 11061 NINHYDRIN CLEANER

Revision 0

Revision date 2011-04-20

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

1.1. Product identifier

Product name EP 11061 NINHYDRIN CLEANER

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.3. Other hazards

SPILLAGE MAY CREATE SLIP HAZARD.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
WATER					80 - 90%	
ALCOHOL ETHOXYLATE		68439-45-2			1 - 10%	
TETRA POTASSIUM PYROPHOSPHATE		7320-34-5	230-785-7		1 - 10%	Xi; R36
BENZYLAMMONIUM CHLORIDE		68391-05-5	269-919-4		0 - 0.5%	C; R34 Xn; R22 N; R50
TRISODIUM NITROLOTRIACETATE		5064-31-3	225-768-6		0 - 0.5%	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	C; R35
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	F; R11 Xi; R36 R67
2 BUTOXY ETHANOL (2-Butoxyethanol)		111-76-2	203-905-0		1 - 10%	
PERFUME					0 - 0.5%	

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

2 BUTOXY ETHANOL	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: -
Isopropanol	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.

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8.2. Exposure controls

Skin protection - Handprotection	Chemical resistant gloves (PVC).
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Yellow
Odour	perfumes
pH	9 - 10.5
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Carcinogenicity	No carcinogenic effects reported. No cumulative effects reported.

11.1.4. Toxicological Information

SURFAC PD 38	Oral Rat LD50 = >2000mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

A102	Fish LC50/96h = 1-10mg/l
SURFAC PD 38	Guppy LC50/96h = >100mg/l

	No data is available on this product.
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12.2. Persistence and degradability

	DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not boidegradable however those present in this formulation/product are either of no known significant environmetal hazard or are readily neutralised to form inert salts.
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12.3. Bioaccumulative potential

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Further information

Further information	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

Labelling

Risk phrases	No Significant Hazard.
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Labelling

Safety phrases	S1/2 - Keep locked up and out of the reach of children. S25 - Avoid contact with eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R35 - Causes severe burns. R36 - Irritating to eyes. R36/38 - Irritating to eyes and skin. R50 - Very toxic to aquatic organisms. R67 - Vapours may cause drowsiness and dizziness.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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