

**ACT EXTRACLOR****E011****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product Code E011

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Product Name ACT EXTRACLOR

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**2 HAZARDS IDENTIFICATION**

R36/38 Irritating to eyes and skin., R31 Contact with acids liberates toxic gas.

Classification Xi;R36/38. R31.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EINICS No.	CAS No.	Content	Classification
SODIUM HYDROXIDE	215-185-5	1310-73-2	0.5 - 1%	C;R35
SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE	231-668-3	7681-52-9	1 - 5%	C;R34 R31 N;R50

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

INHALATION	Move the exposed person to fresh air at once., Rinse nose and mouth with water., Get medical attention if any discomfort continues.
INGESTION	Remove victim immediately from source of exposure., DO NOT INDUCE VOMITING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention.
SKIN CONTACT	Remove affected person from source of contamination., Remove contaminated clothing., Rinse the skin immediately with lots of water., Continue to rinse for at least 15 minutes., Get medical attention if irritation persists after washing.
EYE CONTACT	Promptly wash eyes with plenty of water while lifting the eye lids., Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA	This product is not flammable., Use fire-extinguishing media appropriate for surrounding materials.
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire exposed containers cool and disperse vapours.

**6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS	Wear necessary protective equipment., Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area.
ENVIRONMENTAL PRECAUTIONS	Any spillage needs to be contained and not allowed to enter water courses

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS	Avoid spilling, skin and eye contact.
USAGE DESCRIPTION	Store in tightly closed original container in a dry, cool and well-ventilated place., Keep in original container.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m3	

**PROTECTIVE EQUIPMENT**

HAND PROTECTION	Wear protective gloves.
EYE PROTECTION	Use eye protection.
OTHER PROTECTION	General workwear only

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Clear, Light (or pale), Yellow
ODOUR	Perfume scent
BOILING POINT (°C)	> 100 C
RELATIVE DENSITY	1.070 - 1.080 @ 20 °c
pH-VALUE, CONC. SOLUTION	13.0
SOLUBILITY	Soluble in water

**10 STABILITY AND REACTIVITY**

STABILITY	Stable under normal temperature conditions.
HAZARDOUS DECOMPOSITION PRODUCTS	Fire or high temperatures create:, Toxic gases/vapours/fumes of:, Carbon dioxide (CO <sub>2</sub> ), Carbon monoxide (CO).

**11 TOXICOLOGICAL INFORMATION**

INHALATION	May cause irritation to the respiratory system.
INGESTION	Liquid irritates mucous membranes and may cause abdominal pain if swallowed., May cause stomach pain or vomiting.
SKIN CONTACT	Irritating to skin., Prolonged or repeated exposure may cause severe irritation.
EYE CONTACT	Irritation of eyes and mucous membranes.

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY	Not classed as Hazardous to the Environment but release to the environment should be avoided.
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**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS	Dispose of waste and residues in accordance with local authority requirements.
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**14 TRANSPORT INFORMATION**

## TRANSPORT LABELS



UN NO. ROAD	1760
UK ROAD CLASS	8
UK ROAD PACK GR.	III
ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.
PROPER SHIPPING NAME	CORROSIVE LIQUID, NOS (Sodium hydroxide,sodium hypochlorite)
UN NO. SEA	1760
IMDG CLASS	8
UN NO. AIR	1760
AIR CLASS	8

**15 REGULATORY INFORMATION**

## LABELLING



Irritant (Xi)

RISK PHRASES	R31 Contact with acids liberates toxic gas., R36/38 Irritating to eyes and skin.
SAFETY PHRASES	S2 Keep out of the reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice., S37/39 Wear suitable gloves and eye/face protection., S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
DETERGENT LABELLING	< 5% Amphoteric surfactants < 5% Perfumes < 5% Chlorine-based bleaching agents
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations., Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES	Workplace Exposure Limits EH40., CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

GENERAL INFORMATION	The following risk phrases relate to the raw materials in the product and not the product itself:-
REVISION DATE	09/05/2006
REV. NO./REPL. SDS GENERATED	4
RISK PHRASES IN FULL	R31 Contact with acids liberates toxic gas., R34 Causes burns., R50 Very toxic to aquatic organisms.  R35 Causes severe burns.