

ECONOCLENSE NS

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ECONOCLENSE NS
PRODUCT NO. QF1982
SUPPLIER Crownhill Associates Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	ECNo.	Gomem	Content	Classification
SODIUM HYDROXIDE	215-185-5	1310-73-2	30-60%	C;R35

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

3 HAZARDS IDENTIFICATION

Causes severe burns.

4 FIRST-AID MEASURES

GENERAL INFORMATION: Remove affected person from source of contamination. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT: Remove affected person from source of contamination. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS
May develop highly toxic or corrosive fumes if heated.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS
DO NOT touch spilled material. Wear necessary protective equipment. Shovel into dry containers. Cover and move the containers. Flush the area with water. Inform Authorities if large amounts are involved.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS
Store in closed original container at temperatures between 5°C and 30°C. Store in a dry place.

STORAGE CLASS
Chemical storage.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name:	Std	ILT ppm	LT - mg/m3	ST – ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS: Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

ENGINEERING MEASURES: Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT: Dust mask/respirator.

HAND PROTECTION: Use protective gloves.

EYE PROTECTION: Wear dust resistant safety goggles where there is danger of eye contact.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	Yellow
SOLUBILITY	Soluble in water
pH-VALUE, DILUTED SOLUTION	>12 @ 10 %

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions.

CONDITIONS TO AVOID: Avoid contact with acids and oxidising substances.

MATERIALS TO AVOID: Strong oxidising substances. Strong acids.

11 TOXICOLOGICAL INFORMATION

INHALATION: May cause irritation to the respiratory system.

INGESTION: May cause chemical burns in mouth and throat.

SKIN CONTACT :Causes burns.

EYE CONTACT: Causes burns. Risk of serious damage to eyes.

ROUTE OF ENTRY: Inhalation. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

DEGRADABILITY: The product is biodegradable.

Name	SODIUM HYDROXIDE
LC 50, 96 Hrs, FISH mg/l	125
Degradability	
Degrades readily by reaction with natural carbon dioxide.	
Acute Fish Toxicity	

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Concentrations which give high pH may be fatal to fish and aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	8		
PROPER SHIPPING NAME	SODIUM HYDROXIDE, SOLID, MIXTURE		
UN NO. ROAD	1823	UK ROAD PACK GR.	II
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2W
CEFIC TEC(R) NO.	80GC6- II + III	RID CLASS NO.	8
RID PACK GROUP	II	UN NO. SEA	1823
IMDG CLASS	8	IMDG PAGE NO.	8225-1
EMS	F-A, S-B	MFAG	See Guide
MARINE POLLUTANT	No	UN NO. AIR	1823
AIR CLASS	8	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING: Corrosive



CONTAINS: SODIUM HYDROXIDE

RISK PHRASES: R35
SAFETY PHRASES: S24/25, S26, S36/37/39, S45, S60

Causes severe burns.
Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing, gloves and eye/face protection.
In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES: Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.

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STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES: Workplace Exposure Limits EH40.

16 OTHER INFORMATION

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy or reliability.