

GEMSAN

HEALTH AND SAFETY DATA SHEET



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

PRODUCT NAME: GEMSAN

2. HAZARDS IDENTIFICATION

MAIN HAZARDS: Is classified as being IRRITANT

3. TOXICOLOGICAL INFORMATION

SKIN CONTACT: Irritation followed by redness and dryness

EYE CONTACT: Irritation and soreness

INGESTION: Soreness of mouth and throat

INHALATION: If spray is inhaled, soreness of mouth, nose and throat

4. FIRST AID MEASURES (ACTION)

SKIN CONTACT: Rinse well with plenty of water. Remove contaminated clothing

EYE CONTACT: Rinse the eyes with plenty of water. Continue rinsing for 15 minutes and seek medical advice.

INGESTION: Rinse mouth thoroughly, drink milk or water. Seek medical advice if feeling unwell.

INHALATION: Remove affected person to fresh air, rest and keep warm. Seek medical advice if feeling unwell

5. FIRE-FIGHTING MEASURES

Non-flammable and will not support combustion.

6. ACCIDENTAL RELEASE MEASURES

CLEAN UP PROCEDURES:

LARGE SPILLS: Contain with dry earth, sand or granules. Scrape up and place into secure plastic containers for disposal.

SMALL SPILLS: Hose away with plenty of water, preferably into the foul sewer rather than into the surface drainage system.

7. HANDLING AND STORAGE

HANDLING REQUIREMENTS: Avoid contact with eyes and skin. Wear gloves and safety glasses when handling the neat or diluted product. Also wear waterproof suit and rubber boots when pressure washing

STORAGE CONDITIONS: Store between 0° and 30° C in the containers provided and replace closure after use.

8. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Liquid

COLOUR: Pale yellow

ODOUR: Slight detergent odour and a trace of ammonia

SOLUBILITY IN WATER: Soluble

RELATIVE DENSITY: 1.07

PH: Neat: 13.0 10 %: 12.0 1%:11.8

9. STABILITY AND REACTIVITY

MATERIALS TO AVOID:

CONDITIONS TO AVOID:

HAZARD DECOMP:

10. ECOLOGICAL INFORMATION

All surfactants and chelating agents are fully biodegradable according to OECD standards. The main concern with this product is the alkalinity and therefore all precautions should be taken to avoid contamination of surface water drainage systems.

11. DISPOSAL CONSIDERATIONS

Small quantities can be disposed of by the foul sewer. Consult local authority before disposal of larger quantities.

12. TRANSPORT INFORMATION – ADR / RID

Not Classified

13. REGULATORY INFORMATION

SAFETY PHRASE:

S-24/25 Avoid contact with skin and eyes S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S- 36/37/38 Wear suitable protective clothing, gloves and eye/face protection.

Risk Phrases: R36/38 Irritating to eyes and skin

14. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No:	EC Number	%w.w:
Tri-sodium Salt of N.T.A. 5064-31-3	225-768-6	5-15
Cationic surfactants 68989-03-7	269-919-4	0.5-2
Non-ionic surfactants 68439-46-3		1-5
Sodium silicates 6834-92-0	229-912-9	1-5

15. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear gloves and eye / face protection when handling neat or diluted product. A full-face visor, a waterproof suit and rubber boots should be worn when high pressure spraying

16. OTHER INFORMATION