



IRRITANT

MSDS Ref:
TR

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1. PRODUCT NAME:

TRITON ANTI LIME COATING

2. HAZARD IDENTIFICATION



IRRITANT

Risk of serious damage to eyes.
Irritating to respiratory system and skin.

3. COMPOSITION

HAZARDOUS INGREDIENT
Sodium Silicate

CAS No.	EC No.	Content	Classification
Proprietary	215-687-4	10-30%	Xi; R37/38, R41
See section 15			

4. FIRST AID

INGESTION:

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300ml). Get medical attention immediately.

SKIN CONTACT:

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT:

Immediately flush with plenty of water or eyewash solution for up to 10 minutes.

5. FIRE-FIGHTING MEASURES

SPECIFIC HAZARDS:

The product is non-combustible. If heated, toxic vapours may be formed.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective gloves and in case of splashes, goggles/face shield too.

ENVIRONMENTAL PRECAUTIONS:

Do not discharge into drains, watercourses or onto the ground.

SPILL CLEAN UP METHODS:

Wear necessary protective equipment. Absorb with inert, damp, non-combustible material and then flush area with water.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:

Read and follow manufacturer's recommendations.

STORAGE PRECAUTIONS:

Store in tightly closed original container in a dry and cool place. Store at temperature below 50°C. Store above freezing.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

NAME:
Sodium Silicate

Std
WEL

LT – ppm

LT – mg/m³
2 mg/m³

ST – ppm

ST – mg/m³



For prolonged or repeated skin contact use suitable protective gloves. Wear splash-proof eye goggles to prevent any possibility of eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid
COLOUR: Colourless
SOLUBILITY: Miscible with water

10. STABILITY / REACTIVITY

CONDITIONS TO AVOID: Avoid contact with acids. In contact with metals generates hydrogen gas, which together with air can form explosive mixtures.
MATERIALS TO AVOID: May react with aluminium, tin, zinc and their alloys evolving hydrogen gas.

11. TOXICOLOGICAL INFORMATION

INHALATION: May cause irritation to the respiratory system.
INGESTION: May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause internal injury.
SKIN CONTACT: Liquid may irritate skin. Prolonged or repeated exposure may cause severe irritation.

12. ECOLOGICAL INFORMATION

MOBILITY: The product is soluble in water
BIOACCUMULATION: No data available on bioaccumulation.
DEGRADABILITY: Biodegradable according to the appropriate OECD test. This product is expected to be removed in a wastewater treatment plant. Oxides rapidly by photochemical reactions in air.

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

LABELLING



IRRITANT

RISK PHRASES:

R41 Risk of serious damage to eyes
R37/38: Irritating to respiratory system and skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
S24/25: Avoid contact with skin and eyes.
S37/39: Wear suitable gloves and eye/face protection.
S60 This material and its container must be disposed of as hazardous waste.

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), THE Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.