



IRRITANT

MSDS Ref:
TR 312

Triton Systems
Units 3-5 Crayford Commercial Centre, Greyhound Way
Crayford, Kent DA1 4HF
Tel: 01322 318830 Fax: 01322 524017
www.tritonsystems.co.uk info@tritonsystems.co.uk

Publication date
05/09/2007

Revision date
28/05/2015

1. PRODUCT NAME:

TRI-REND

2. HAZARD IDENTIFICATION



IRRITANT

Irritating to eyes and skin

3. COMPOSITION

HAZARDOUS INGREDIENT	CAS No.	EC No.	Weight %	Symbols	Risk Phrases
Sodium Metasilicate	6843-92-0	229-912-	5.0	C, Corrosive	R34
Sodium Hydroxide	1310-72-2	215-185-5H	<1.0	C, Corrosive	R34

4. FIRST AID

CONTACT WITH SKIN:	Wash with plenty of water.
CONTACT WITH EYES:	Wash out with water. Seek medical advice if irritation persists.
INGESTION:	Rinse the mouth (do not swallow), and give copious fluids to drink. DO NOT INDUCE VOMITING.
INHALATION:	Remove to fresh air.
OTHER INFORMATION:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	As appropriate to surrounding fire.
SPECIAL PROTECTIVE EQUIPMENT:	No special requirements.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective clothing including eye/face protection and PVC or synthetic rubber gloves.
ENVIRONMENTAL PRECAUTIONS:	Do not allow to enter watercourses. Discharge of small amounts to public sewers is normally permissible.
CLEAN-UP PROCEDURES:	Absorb in dry sand or earth or similar absorbent and shovel into a suitable closed container for disposal according to item 13.



7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: If large amounts are to be handled, wear suitable protect clothing according to item 8.

STORAGE INFORMATION: Protect from frost. Keep containers tightly closed in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No special requirements for exposure control – observe normal industrial hygiene practices.

If large quantities are handled, it is advisable to wear eye protection and PVC or rubber gloves.

EXPOSURE LIMITS: None assigned in EH40

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale Yellow Liquid
Odour	Slight fatty odour
pH	11
Boiling Point	102°C
Melting Point	May separate at low temperature
Flash Point	None
Flammability / autoflammability	Not Relevant
Explosive Properties:	No explosive

Oxidising Properties	None
Vapour Pressure	Not relevant
Relative density	1.01 – 1.03
Bulk density	Not relevant
Viscosity	As for water
Solubility	Miscible with water
Partition Coefficient	No data
Other data	

10. STABILITY / REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Storage in metal containers.

MATERIALS TO AVOID: Strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: No data known.

12. ECOLOGICAL INFORMATION

MOBILITY: The water-miscibility of the product suggests that it is likely to leach from soil to into groundwater. There is no available data on sorption/desorption.

DEGRADABILITY: Readily biodegrades in the soil or in sewage treatment works.

ACCUMULATION: There is no evidence for bioaccumulation or biomagnification.

ECOTOXICITY: There is no evidence that the product is ecotoxic.



13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT: Chemical residues are normally regarded as Special Waste.

DISPOSAL OF PACKAGING: Uncleaned packaging should be treated as for the product. If thoroughly rinsed, it may be treated as general waste for incineration or landfill, according to regulations.

14. TRANSPORT INFORMATION

UN No. None Assigned

PROPER SHIPPING NAME

EMERGENCY ACTION CODE

ADR/RID Not classified as hazardous

IMCO Not classified as hazardous

MFAG Table No.

EmS No.

ICAO/IATA Not classified as hazardous

PACKING GROUP

LABEL None

15. REGULATORY INFORMATION

CLASSIFICATION Irritant

LABEL INFORMATION

IRRITATING TO EYES AND SKIN
IN CASE OF CONTACT WITH EYES, Rinse immediately with plenty of water and seek medical advice.
WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION
KEEP OUT OF REACH OF CHILDREN

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.

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.