



Not classified
as Hazardous

MSDS Ref:
TR 313

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1. PRODUCT NAME: TTME (Triton Tanking Mix Elastifier)

2. HAZARD IDENTIFICATION

Not classified as hazardous for supply or transport.



3. COMPOSITION

An approximately 50% aqueous dispersion of n-butyl acrylate/styrene copolymer.

4. FIRST AID

CONTACT WITH SKIN: Wash off with plenty of soap and water. Remove contaminated clothing.

CONTACT WITH EYES: Wash out with water for at least 15 minutes and seek medical advice.

INGESTION: Wash out mouth with water and give plenty of water to drink. Seek medical advice.

INHALATION: No adverse effects anticipated by this route of exposure.

OTHER INFORMATION:

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: As appropriate to surrounding fire.

SPECIAL PROTECTIVE EQUIPMENT: No particular requirement.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing appropriate to the amount involved which may include eye/face protection and PVC or synthetic rubber gloves.

ENVIRONMENTAL PRECAUTIONS: Contain the spillage. Avoid large amounts entering water courses.

CLEAN UP PROCEDURES: Large spillages should be pumped into containers, soak up remainder with dry sand or earth. Small spillages may be washed down with water, if waste water is disposed of correctly.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Observe normal industrial hygiene standards.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



When handling or mixing the product, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves. Wash hands and exposed skin before meals and after work. Do not wear contaminated clothing.

EXPOSURE LIMITS

Refer to the current edition of HSE Guidance Note EH40 (Occupational exposure limits). The following may be present in the product: n-butyl acrylate (141-32-2), styrene (100-42-5), ethylbenzene (100-41-4), acrylamide (79-06-1) and formaldehyde (50-00-0).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Liquid
Odour	Faint
PH	8
Boiling Point	About 100°C (water)
Melting Point	About 0°C (water)
Flash Point	None
Autoignition temperature	Not Combustible
Explosive Properties	None

Oxidising properties	None
Vapour pressure	23 mbar (water)
Relative density	1.03 at 20°C
Bulk density	Not relevant
Viscosity	200mPa at 23°C
Solubility	Miscible with water
Partition Coefficient	Miscible with water
Other data	

10. STABILITY / REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: Frost.

MATERIALS TO AVOID: No particular requirements.

11. TOXICOLOGICAL INFORMATION

Not harmful to health if handled correctly according to the given recommendations.

12. ECOLOGICAL INFORMATION

MOBILITY: Low mobility in the soil – binds to soil particles.

DEGRADABILITY: Eliminated from water by abiotic processes, eg. Adsorption onto activated sludge.

ACCUMULATION: No potential for bioaccumulation or biomagnification.

ECOTOXICITY: Do not discharge to natural waters without pre-treatment.



13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT:	Dispose of in accordance with local and national regulations. (normally by incineration).
DISPOSAL OF PACKAGING:	Packaging should be treated as for the product.

14. TRANSPORT INFORMATION

UN NO.	None assigned.
PROPER SHIPPING NAME	Aqueous copolymer suspension.
ADR/RID	Not classified as hazardous
IMCO	Not classified as hazardous
ICAO/IATA	Not classified as hazardous
PACKING GROUP	
LABEL	No hazard label

15. REGULATORY INFORMATION

CLASSIFICATION:	Not classified as hazardous
LABEL INFORMATION:	WEAR GLOVES AND EYE PROTECTION. WASH HANDS AND EXPOSED SKIN AFTER USE.

Refer to other relevant legislations 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.