M: 146.23 g/mol
Molecular formula: $C_6H_{18}N_4$

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters
Carbon oxides, Nitrogen oxides (NOx)
Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

Personal precautions
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Precautions for safe handling

Eye protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Form:clear, viscous liquid
Colour: buff
Odour: not available
pH value: not available
Melting point: 12
Boiling point: 266
Ignition temperature: not available
Flash point: not available
Autoignition temperature: not available
Explosion limits
lower: not available
upper: not available
Density (25 °C) : 0.982
Bulk density: not available
Solubility in
water (20 °C) : not available
diluted acids (20 °C) : not available
Thermal decomposition: not available

Chemical stability
Stable under recommended storage conditions
Conditions to avoid
no data available
Materials to avoid
Oxidizing agents
Hazardous decomposition products
Other decomposition products - no data available

Acute toxicity
LD50 Oral - Rat - 2,500 mg/kg(Triethylenetetramine)
LD50 Dermal - Rabbit - 550 mg/kg(Triethylenetetramine)
Skin corrosion/irritation
Skin - Rabbit(Triethylenetetramine)
Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation
Eyes - Rabbit(Triethylenetetramine)
Result: Severe eye irritation
Respiratory or skin sensitization
May cause allergic skin reaction.
Germ cell mutagenicity
no data available
Carcinogenicity
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Specific target organ toxicity - single exposure
no data available
Specific target organ toxicity - repeated exposure
no data available
Aspiration hazard
no data available

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea(Triethylenetetramine)
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Triethylenetetramine)

Toxicity
no data available
Persistence and degradability
no data available
Bioaccumulative potential
no data available
Mobility in soil
no data available
PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects
Harmful to aquatic life.

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging
Dispose of as unused product.

ADR/RID
UN-Number: 2259 Class: 8 Packing group: II
Proper shipping name: TRIETHYLENETETRAMINE

IMDG
UN-Number: 2259 Class: 8 Packing group: II
Proper shipping name: TRIETHYLENETETRAMINE

Marine pollutant: no

IATA
UN-Number: 2259 Class: 8 Packing group: II
Proper shipping name: Triethylenetetramine

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

General update.
Regional representation:
This information is given on the authorised Safety Data Sheet for your country.