

MATERIAL SAFETY DATASHEET

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SECTION 1: CHEMICAL IDENTIFICATION

Code #: PR0613

Name: Tris-Buffered Saline, powder

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	CAS #:	RTECS #:	%:
TRIS	77-86-1	TT2900000	1-5
Potassium chloride	7447-40-7	TS8050000	1-5
Sodium Chloride	7647-14-5	VZ4715000	60-70
Tris HCl	1185-53-1	Not rated	20-30

See actual entry in RTECS for complete information.

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements

Irritant

Irritating to eyes, respiratory system and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Take off immediately all contaminated clothing.

SECTION 4: FIRST-AIDS MEASURES

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes.

In case of contact with skin, immediately wash with soap and copious amounts of water.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious.

Call a physician.

Wash contaminated clothing before reuse.

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SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam

Special Firefighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

Emit toxic fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Sweep up and place in closed containers for disposal.

Ventilate area and wash spill site when material pickup is complete.

SECTION 7: HANDLING AND STORAGE

Refer to Section 8.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical safety goggles

Compatible chemical-resistant gloves

NIOSH/MSHA-approved respirator

Safety shower and eye bath

Mechanical exhaust required.

Do not breathe dust.

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Keep tightly closed.

Store in a cool, dry place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor

Powder

SECTION 10: STABILITY AND REACTIVITY

Incompatibilities

Strong oxidizing agents

Protect from moisture

Hazardous Combustion or Decomposition Products

Toxic fumes of:

Carbon monoxide, carbon dioxide

Nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects

May be harmful by inhalation, ingestion, or skin absorption.

Material is irritating to the eyes, mucous membranes and upper respiratory tract.

Causes skin irritation.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

European Information

Caution: Substance not yet fully tested.

Irritant

R 36/37/38

Irritating to eyes, respiratory system and skin.

S 36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

SECTION 16: OTHER INFORMATION

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