

OTTO CHEMIE PVT LTD

An ISO 9001 : 2015 & GMP Certified Company
101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate,
Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841
Email : info@ottokemi.com Web : www.ottokemi.com

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1. Product identifiers

Product name: Ethanesulphonic acid sodium salt, for HPLC 99%+
Product Code: E 1330
CAS NO : 5324-47-0

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification
OTTO CHEMIE PVT LTD
101, Aarkay Ruby Industrial Estate(1B), Opp Shree Narayan Industrial Estate,
Chinchpada, Vasai East, Waliv, Maharashtra 401208.
Email info@ottokemi.com

1.4. Emergency telephone number
Phone no. : + 91 22 2207 0099 (9:00am - 6:00 pm)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin corrosion/irritation (Category 2), H315
Serious eye damage/eye irritation (Category 2), H319
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3),
H335

2.2. GHS Label elements, including precautionary statements:

Pictograms

Signal word

Hazard statement(s).

H315

H319

H335

Precautionary statement(s).

P261

P264

P271

P280

P302+P352

P304+P340+P312

P305+P351+P338

present and easy to do – continue rinsing.

P332+P313

P337+P313

P362

P403+P233

P405

P501

Warning

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with soap and water.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Store in a well ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container to an approved waste disposal plant.

SECTION 3. Composition/information on ingredients.

3.1. Substances

COMPONENT	CLASSIFICATION	CONCENTRATION
Ethanesulphonic acid sodium salt, for HPLC 99%+	H315, H319, H335	≤ 100

See Section 2 for full text of hazard statements.

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SECTION 4. First aid measures

4.1. Description of first aid measures.

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

In case of skin contact: Wash with soap and water.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

If swallowed: Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed:

See Section 2.2 and/or in Section 11.

4.3. Indication of any immediate medical attention and special treatment needed:

No data.

SECTION 5. Fire fighting measures

5.1. Extinguishing media: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

5.2. Special hazards arising from the substance or mixture: Carbon monoxide, nitrogen oxides, sulfur oxides.

5.3. Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

5.4. Further information: No data available.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Use personal protective equipment.

6.2. Environmental precautions:

Should not be released into the environment. See Section 12 for additional ecological information.

6.3. Methods and materials for containment and cleaning up:

Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. Reference to other sections:

Refer to protective measures listed in Sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s): Laboratory chemicals, for scientific research and development only.

SECTION 8. Exposure Controls / Personal protection

8.1. Control parameters:

Components with workplace control parameters: Contains no substances with occupational exposure limit values.

8.2. Exposure controls:

Appropriate engineering controls: Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas. Use only under a chemical fume hood.

Personal protective equipment:

Eye/face protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin 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

Body Protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: No protective equipment is needed under normal use conditions.

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Appearance:	Solid
(b) Odour:	No data
(c) Odour Threshold:	No data
(d) pH:	No data
(e) Melting point/freezing point:	250 - 260°C
(f) Initial boiling point and boiling range:	No data
(g) Flash point:	No data
(h) Evaporatoin rate:	No data
(i) Flammability (solid, gas):	No data
(j) Upper/lower flammability or explosive limits:	No data
(k) Vapour pressure:	No data
(l) Vapour density:	No data
(m) Relative density:	No data
(n) Water solubility:	No data
(o) Partition coefficient: n-octanol/water:	No data
(p) Auto-ignition:	No data
(q) Decomposition temperature:	No data
(r) Viscosity:	No data
(s) Explosive properties:	No data
(t) Oxidizing properties:	No data

9.2. Other safety information:

Formula	C2H5NaO3S
Molecular weight	132.1
CAS Number	5324-47-0

SECTION 10. Stability and reactivity

- 10.1. Reactivity No data
- 10.2. Chemical stability Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions No data
- 10.4. Conditions to avoid
- 10.5. Incompatible material No data.
- 10.6. Hazardous decomposition products:
Hazardous decomposition products formed under fire conditions: Carbon monoxide, nitrogen oxides, sulfur oxides.
Other decomposition products: No data
In the event of fire: See Section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:

Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg

Inhalation LC50 Rat: > 50mg/L.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).

Special Remarks on Toxicity

to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12. Ecological information

- 12.1. Toxicity No data available.
- 12.2. Persistence and degradability No data available.
- 12.3. Bioaccumulative potential No data available
- 12.4. Mobility in soil No data available
- 12.5. Results of PBT and vPvB assessment No data available.
- 12.6. Other adverse effects No data available.

SECTION 13. Disposal Considerations

13.1. Waste treatment methods

Product Arrange disposal as special waste, by licensed disposal company, in consultation with

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local waste disposal authority, in accordance with national and regional regulations.
Contaminated packaging Dispose of as unused product.

SECTION 14. Transportation information

DOT (US),

IMDG and

IATA:

No known hazard for air and ground transportation.

SECTION 15. Regulatory information

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, or have known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

Section 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.



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