

Arichem, LLC
MATERIAL SAFETY DATA SHEET
SODIUM TRICHLOROBENZENESULFONATE

Print Date: 11/06

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1. MATERIAL IDENTIFICATION

Specification number: 23

Manufacturer: Arichem, LLC
187 Sloss Industries Rd.
Ariton, AL 36311

Phone numbers: Product Information: 334/762-2314

8:00 AM to 4:30 PM Monday thru Friday

24Hr contact: 333/762-2314

Transport Emergencies:

Call CHEMTREC: 1/800/424-9300

DOT number: not established

Shipping name: not established

Product name: Sodium Trichlorobenzenesulfonate

CAS name: Sodium-2,4,5-Trichlorobenzenesulfonate

CAS number: 53423-65-7

Formula: C6H2Cl3SO3Na

NFPA rating: Health 0; Flammability 1; Reactivity 0

HMIS rating: Health 0; Flammability 1; Reactivity 0;

Personal Protection I

Synonyms: STB

2. COMPONENTS

Material	CAS#	% by wt.
Sodium Trichlorobenzenesulfonate	53423-65-7	100

All the components of this material are listed in TSCA Inventory.
See Section 3, 8, and 11 for exposure information.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

A white crystalline solid with no characteristic odor. No significant fire, explosion, or health hazard. However, decomposition products are toxic.

4. FIRST AID

Eyes or skin contact:

In the event of contact with the eyes or skin flush affected area with water. Continue for at least 20 minutes.

Ingestion: Effects unknown. If swallowed, get trained medical help immediately.

Inhalation:

In the event of exposure to concentrated dust or vapors, immediately move the exposed person to fresh air. If they are not breathing give

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artificial respiration. If breathing appears difficult give oxygen. Call for trained medical help immediately.

IN ALL CASES GET TRAINED MEDICAL HELP IMMEDIATELY

5. FIRE AND EXPLOSION DATA

This material does not present a significant fire or explosion hazard.

Flash point: 950oF (496°C)

Flammable limits (air % by vol.):

- a. Lower explosive limit: not established
- b. Upper explosive limit: not established

Autoignition: not established

Extinguishing media:

Dry chemical, carbon dioxide, water fog, and regular foam.

Fire and Explosion:

Decomposes @ 950oF (496oC) Vapors are toxic.

Fire Fighting Instructions:

- 1) Avoid combustion vapors.
- 2) Wear self-contained breathing apparatus and full protective fire fighting clothing.
- 3) Approach from upwind.

6. ACCIDENTAL RELEASE MEASURES

1. This material does not have a CERCLA reportable quantity.

Collect for recycle or disposal. See Section 13.

2. Wear proper personal protection while working with spill. See Section 8.

7. HANDLING AND STORAGE

Handling:

1. Handle in a well-ventilated area. Where adequate ventilation is not possible, use a NIOSH/MSHA approved dust/mist respirator or airline supplied respirator depending on concentrations. See Section 8.
2. Wear eye protection and rubber gloves.

Storage:

1. Store in a cool, well-ventilated location.
2. Store separate from combustibles and other reactive materials. See Section 10.
3. Rotate Stock.
4. Do not puncture containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 1) The PEL for nuisance dust is 15mg/m³ for total dust and 5mg/m³ for the respirable fraction. Ventilation capable of maintaining dust concentrations below the PEL is recommended.
- 2) Where adequate ventilation is not possible, use a NIOSH/MSHA approved dust/mist respirator or airline supplied respirator depending on concentrations.
- 3) Wear eye protection and rubber gloves while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystalline solid

Odor: no characteristic odor

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Physical state: Solid
Ph: 7.0
Vapor pressure (mmHg): not established
Vapor density (air=1): not established
Boiling point: not established
Melting point: not established
Solubility in water: 3.5g/100ml at 77oF (25oC)
Bulk Density 3.8 lbs/gal

10. STABILITY AND REACTIVITY

- a. Stability: Stable
- b. Hazardous Polymerization: Will not occur.
- c. Reactivity: None known under normal conditions.
- d. Decomposition: Vapors containing SOx and chlorides.

11. TOXICOLOGICAL INFORMATION

No LD50 's have been established.

Exposure Limits:

OSHA: PEL 15 mg/m3 Total dust 5 mg/m3 Respirable fraction

12. ECOLOGICAL INFORMATION

Environmental hazard. Keep out of waterways.

13. DISPOSAL INFORMATION

This material has no CERCLA reportable quantities or RCRA hazardous waste codes. Recycle or dispose of in accordance with Federal, State, and Local regulations.

Please note that this information is for this material in its original form. Any alteration of this material can void the information.

14. TRANSPORTATION INFORMATION

Proper shipping name: Not a DOT regulated material

Hazard class: none

UN no.: not applicable

DOT/IMO label: not required

Special provisions: not applicable

Packaging:

- a. Group: not established
- b. authorization: not established
- c: exceptions: not established

Quantity limitations: not established

- a. passenger, aircraft or rail: not established
- b. cargo only, aircraft: not established

Stowage provisions: not established

15. REGULATORY INFORMATION

TSCA STATUS: On TSCA Inventory

CERCLA RQ: None

SARA TITLE III:

Section 302 TPQ: No

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Section 304 EHS: No
Section 311/312: No
Section 313: No
RCRA WASTE NUMBER: None
California Proposition 65: No
WHIMS: No

16. OTHER INFORMATION

Section(s) revised: All revised to new format and to include most up to date information

MSDS date: 11/06

Supersedes date: 4/94

The data of this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material. While the data contained herein is based on technical data that Arichem, LLC believes to be reliable, it is intended for use by persons having technical skill and at their own discretion and risk.