SAFETY DATA SHEET

Methane Disulfonic Acid, Sodium Salt

SECTION 1 IDENTIFICATION

Product identifier used on a label:	**Methane Disulfonic Acid**
Product code:	1413
HS Code:	29041090
CAS-No.:	5799-70-3
Synonyms:	Methane disulfonic acid, disodium salt (7Cl, 8Cl, 9Cl); Sodium -Methionate
Recommended use:	Foundry/Metal Treatment
Uses advised against:	Avoid prolonged contact with eyes, skin and clothing. Don't use near food or drinking water.
Chemical Family:	
Chemical Formula:	$CH_2Na_2O_6S_2$

Details of the supplier of the safety data sheet

Company name:	Aqua Bond Inc.
Company address:	PO Box 63635. Toronto, ON M1V 5K2
Company Phone no:	(416) 754-7211
24 Hrs. Emergency phone no:	CANUTEC (613) 996-6666

SECTION 2 HAZARD(s) IDENTIFICATION

Classification of the chemical: This material is not classified hazardous under U.S. OSHA regulations (29 CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations)(WHMIS 2015)

Hazard classification: Skin Irritation 2, Eye Irritation 2, STOT SE 3. The toxic properties have not been fully investigated.

Label elements:



Signal Word:	Warning
Hazard statements:	H315 Causes skin irritation
	H319 Causes serious eye irritation
	H335 May cause respiratory irritation
Precautionary Statement:	P261 Avoid breathing dust/fume/gas/mist/vapour/spray.
	P202 Do not handle until all safety precautions have been read and understood.
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards: Not available

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient Name	Synonyms	CAS Number	Concentration (wt.%)
Methane Disulfonic Acid, Sodium Salt	Methanedisulfonic acid, disodium salt (7Cl, 8Cl, 9Cl); Sodium Methionate	5799-70-3	100%

SECTION 4 FIRST-AID MEASURES

Description of first aid measures:

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothesand footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

Most important symptoms and effects, both acute and delayed:

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed /Immediate Effects
Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed: No Information available.

Note to the Physician: Immediate / special treatment Eye bathing equipment should be available on the premises. Treat symptomatically and supportively.

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SECTION 5 FIRE FIGHTING MEASURES
Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture Exposure hazards: In combustion emits toxic fumes.

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6.0 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Personal precautions:

Use personal protective equipment. Avoid dust formation. Avoid breathing dust, Wear a personal respirator in compliance with Section 8 of SDS for personal protection details. If outside, do not approachfrom downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions: Do not discharge into drains or rivers.

Methods and material for containment and Clean-up procedures:

Transfer to a closed, labeled salvage container for disposal by an appropriate method.

Special Spill Response Procedures: In case of transportation accident,

Contact CANUTEC (613) 996-6666

Reference to other sections
Refer to Section 8 of SDS.
SECTION 7.0 HANDLING AND STORAGE

Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formationor spread of dust in the air. Avoid direct contact with the substance.

Conditions for safe storage, including any incompatibilities Storage Condition: Store in cool and well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

Specific end use(s): No data available.

SECTION 8.0 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters Workplace exposure limits: Not applicable.

Exposure controls

Engineering measures: ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter. Self- contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

SECTION 9.0 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical Form: Powder

Colour: White

Other information: Not applicable.

SECTION 10.0 STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat.

Incompatible materials: Materials to avoid Strong acids; Strong oxidizing agents.

SECTION 11.0 Toxicological information

Information on toxicological effects

Toxicity values: Not applicable.

Information on toxicological effects

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Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed /Immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12.0 ECOLOGICAL INFORMATION

Toxicity: Not applicable.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: This substance is not identified as a PBT substance.

Other adverse effects: Negligible ecotoxicity.

SECTION 13.0 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations

Transfer to a suitable container and arrange for collection by specialized disposal company.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14.0 TRANSPORTATION INFORMATION

This product does not require a classification for transport.

SECTION 15.0 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: Not applicable.

Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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SECTION 16.0: Other information

Other information

Revision date: September 8, 2023

UN = United Nations

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Aqua Bond Inc makes no warranty with respect thereto and disclaims all liability from reliance thereon.