

SECTION 1 - IDENTIFICATION**Product:** MELT DOWN BOOSTER**Recommended use of the chemical and restrictions on use:****Uses:** Catalyst for Melt Down**List of advices against:** Not available.**Details of the supplier of the Safety Data Sheet:**

Omega Industrial Supply, Inc.
 1133 W 27th Street
 Cheyenne, WY 82001
 800-571-7347
 www.onlyomega.com

**Emergency Telephone Number (CHEMTREC):** North America: 1-800-424-9300**SECTION 2 – HAZARD IDENTIFICATION**

Classification:	Eye Damage/Irritation	2A
	Skin Corrosion/Irritation	2
	Specific Target Organ Toxicity (Single Exposure)	3

Signal Word: Warning.

Hazard Statements: Causes serious eye irritation.
 Causes skin irritation.
 May cause respiratory irritation.

Pictograms:**Precautionary Statements:**

Prevention: Wash hands and all exposed skin thoroughly after handling.
 Wear eye protection/face protection. Wear protective gloves.
 Avoid breathing fume/gas/mist/vapors/spray.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 If on skin: Wash with water / soap.
 If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center/doctor/hospital if you feel unwell.

Storage: Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

Disposal: Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.

Other Hazards: None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
Sodium Hydroxide	1310-73-2	1 - 5
Manganese (II) Chloride-4-Hydrate	13446-34-9	2 - 5

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water, remove contact lenses, and continue to flush for at least 15-20 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing and shoes before reuse. Get medical attention if irritation persists.

Inhalation: Remove from exposure. If not breathing, give artificial respiration. If breathing is difficult, get medical attention.

Ingestion: Get medical attention immediately. Do not induce vomiting. If victim is conscious and alert, give large amounts of water. Discontinue water if victim feels like they may vomit. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects:

Acute: Severe eye irritation.

Delayed: Prolonged or excessive contact with skin could cause damage or dermatitis.

Indication of Any Immediate Medical Attention and Special Treatment Needed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Use media appropriate to the surrounding fire.

Specific Hazards Arising From the Substance or Product: None

Hazardous Combustion Products: Oxides of carbon, smoke, and fumes.

Protective Equipment and Precautions for Firefighters: Wear a self-contained breathing apparatus in pressure- demand mode, and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with skin and eyes. Wear protective clothing, see Section 8.

Environmental Precautions: Keep out of sewers, drains, and bodies of water. Spills should be diked and absorbed.

Methods and Materials for Containment and Cleaning Up: Absorb in vermiculite, dry sand, or earth, and place in containers. Collect and reclaim or dispose of in sealed containers in a licensed waste facility. Liquid material may be removed with vacuum collection. Containers with spillage must be properly labeled with correct contents and hazard symbol.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spilling, skin, and eye contact. Wash thoroughly after handling. Use only with adequate ventilation. For industrial or professional use only. Do not cut or weld empty container. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage: Store in a cool dry place. Keep from freezing.

Incompatibilities: Aluminum, tin, zinc, and their alloys, and aldehydes.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Manganese (II) Chloride-4-Hydrate	5 mg/m ³	0.2 mg/m ³	
Sodium Hydroxide	2 mg/m ³	2 mg/m ³	

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: Normally not needed. If needed, use NIOSH approved mask and filter for organic vapor.

Skin and Body: Chemical resistant gloves recommended. Chemical resistant apron, as needed.

Eye Protection: Safety glasses/goggles recommended.

Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Brown, opaque liquid

Odor Threshold: Not determined.

pH: 13 - 14.

Freezing Point: Not determined.

Boiling Point: Not determined.

Flash Point: No flash at boiling.

Evaporation Rate (BUAC=1): Slower.

Flammability: Not flammable.

Flammability or Explosion Limits:	Upper: Not applicable.	Lower: Not applicable.
Vapor Pressure:	Not determined.	
Specific Gravity:	1.040 - 1.060	
Solubility in Water:	Complete.	
Solubility in Other Solvents:	Not determined.	
Partition Coefficient (n-octanol/water):	Not determined.	
Auto-ignition Temperature:	Not determined.	
Decomposition Temperature:	Not determined.	
Viscosity:	Not determined.	
Other Information:	Not determined.	

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under normal temperature conditions and recommended use.
Possible Hazardous Reactions:	Not available.
Conditions to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Aluminum, tin, zinc, and their alloys, and aldehydes.
Hazardous Decomposition Products:	Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation	Ingestion	Skin	Eye
		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: Irritation to skin and eyes.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization:	Not a skin sensitizer.
Germ Cell Mutagenicity:	Not classified.
Carcinogenicity:	No components of this product are listed by NTP, IARC, or OSHA.
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity:	Eyes

Numerical Measures of Toxicity:

Product: Not determined.

Component:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Manganese (II) Chloride-4-Hydrate	1484 mg/kg (rat)		

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Manganese (II) Chloride-4-Hydrate Fish: Gold Fish LC50 = 18.8 mg/L; 7 hr. Daphnia: Water Flea EC50 = 11 mg/L, 48 hr. Sodium Hydroxide Fish: Mosquito Fish LC50 = > 125 mg/L, 96 hr. Fish: Rainbow Trout LC50 = 45.4 mg/L, 96 hr.
Persistence and Degradability:	Not expected to persist in the environment.
Bioaccumulation:	Not expect to be a bioaccumulator.
Mobility:	Not expected to have mobility.
Other Adverse Effects:	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	
Disposal of Wastes:	Dispose of product in accordance with local, state, and federal regulations.
Contaminated Packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other Information:	None.

SECTION 14 – TRANSPORTATION INFORMATION**DOT:**

UN Number:	1824
Proper Shipping Name:	Sodium Hydroxide Solution
Hazard Class:	8, Corrosive
Packing Group:	III

SECTION 15 – REGULATORY INFORMATION**US Federal Regulations:**

TSCA: All ingredients of this product are listed in the TSCA inventory.

SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
Manganese (II) Chloride-4-Hydrate	13446-34-9	2-5

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: April 5, 2022

Revision Date:

Health	Flammability	Reactivity	Personal Protection
2	0	1	C

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