



SAFETY DATA SHEET

1. Product and company identification

Product Name DISH MACHINE – METAL SAFE SOLID DETERGENT

UN/ID No. Not Classified as Hazardous
Product Code: C-DSM09

Recommended use of the chemical

Recommended Use Food Industry Cleaning & Destaining of all Tableware

Supplier: **HD Chem**
707 W. 16th St.
Long Beach, CA 90813
(888) 443-2436

Print date: 09-21-2014

In case of emergency: **Call (888) 443-2436**

Product type: Mixture

2. Hazards identification

Appearance: White **Physical State:** White Powder **Odor:** Acrid Odor

Classification: Non- Hazardous

Hazard Statement: OSHA Hazards: Harmful by ingestion, Corrosive. Very hazardous in case of eye contact (irritant). Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer, permeator). Inflammation of the eye is characterized by redness, watering and itching.

Carconogenic Effects: Not available

Mutagenic Effects: Not available

Teratogenic Effects: Not available

Developmental Toxicity: Not available

The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organ damage

Precautionary Statements – Preventions

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Do not breath dust/fume/gas/mist/vapors/spray

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

Precautionary Statements – Response

Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing . Immediately call a POISON CENTER or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower, immediately call a POISON CENTER or doctor/physician
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CONTROL CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth. Do not induce vomiting.

Precautionary Statements – Storage

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

Precautionary Statements –Disposal

Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Tripolyphosphate	7758-29-4	31%

4. First aid measures

Eye contact:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open, Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin contact:	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Serious Skin Contact:	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate attention.
Serious Inhalation:	Not available
Ingestion:	Do not induce vomiting. Loosen tight clothing such as a collar, tie belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Note to physician	Treat symptomatically

5. Fire-fighting measures

Flammability of the product:	Non-flammable
Auto-Ignition Temperatures	Not applicable

Flash Points:	Not applicable
Flammable Limits	Not applicable
Products of Combustion:	Not available
Fire Hazards in Presence of Various Substances:	Not applicable
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact. Not available. Risks of explosion of the product in presence of static discharge. Not available.
Fire Fighting Media and Instructions	Not applicable
Special Instructions on Fire Hazards	Keep container closed
Special Instructions on Explosion Hazards:	Not available

6. Accidental release measures

Personal precautions:	Use personal protective equipment as required
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological. See Section 13, Disposal Considerations, for additional information.
Small spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Caution; Floors may be slippery
Large spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and storage

Handling:	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.
Storage	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls	Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.
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Individual-protection measures, such as personal protective equipment

Eye/Face Protection
Skin and Body Protection
Respiratory Protection
General Hygiene considerations

9. Physical and chemical properties

Physical state
Flash Point

Color
pH
Boiling/condensation point
Melting/freezing point
9. Physical and chemical properties Continued
Dispersibility properties
Solubility in water

10. Stability reactivity

Stability	Stable
Hazardous polymerization	None
Conditions to avoid	Not available
Materials to avoid	Corrosive in presence of copper. Slightly corrosive to corrosive in presence of steel, of aluminum, of zinc. Non-corrosive in presence of glass.

11. Toxicological information

Routes of Entry: Eye contact, Inhalation, Ingestions
Toxicity to Animals: Acute oral toxicity (LD50): 3100 mg/kg [Mouse].

12. Ecological information

Environmental effects:

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.


14. Transport information

US DOT CLASSIFICATION: Not Classified as Hazardous

15. Regulatory information

16. Other information

<u>HMIS</u>	Health Hazards	Flammability	Reactivity	Personal Protection
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 Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet