

Michigan State Industries

SAFETY DATA SHEET

MSI-8757 Manual Pot & Pan Dishwash Super Concentrate

Date: 1/24/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Manual Dishwashing Detergent Super Concentrate

Other Means of Identification

Product Code MSI-8757

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand dishwashing

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Michigan State Industries
17600 Ryan Rd.
Detroit, MI. 48212

Emergency Telephone Number

Company Phone Number 313-368-3200
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Signal Word None

Hazard Statements

Direct eye contact will cause irritation. May be harmful if swallowed. Health injuries are not known or expected under normal use. Prolonged or repeated contact may be drying to skin.

Appearance Green Liquid

Physical State Liquid

Odor Pleasant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Detergent Mixture	Proprietary	25 - 40%

The mixture is not considered hazardous to health or the environment. Contains no phosphates or nonylphenols.

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Health injuries are not known or expected under normal use.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician if irritation occurs.
Ingestion	Drink 1 or 2 glasses of water. Seek medical advice.
Skin Contact	If irritating to skin flush with water.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Direct eye contact may cause mild irritation.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

This product is not expected to present a fire hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	In case of spills, beware of slippery floors and surfaces. Use personal protective equipment as required.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Absorb with inert material such as sand or vermiculate and place in suitable container for disposal. Following product recovery, flush area with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers closed when not in use and upright to prevent leakage. Keep out of the reach of children.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No occupational exposure limits have been established for this mixture.

Appropriate Engineering Controls

Engineering Controls None under normal use conditions.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection No protective equipment is needed under normal use conditions.

Skin and Body Protection No protective equipment is normally needed. For prolonged or repeated use wear rubber or neoprene gloves.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Pleasant scent
Appearance	Green Liquid	Odor Threshold	Not determined
Color	Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0-8.0	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not determined	
Flash Point	Does not sustain combustion	
Evaporation Rate	< 1	Water = 1
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.04	
Water Solubility	Soluble in water	
RVOC	0	
Partition Coefficient	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Eye Contact	May cause temporary irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Ingestion	May cause discomfort if swallowed.

Component Information

This mixture has not been tested.

Information on Physical, Chemical and Toxicological Effects

Symptoms	May cause mild eye irritation.
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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12. ECOLOGICAL INFORMATION

Ecotoxicity

Based on the individual ingredients and related cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed on directly into the environment.

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Not regulated. Disposal should be in accordance with applicable regional, national and local laws and regulations.
Packaging Disposal	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313

No ingredients contain chemicals that require reporting under SARA Title III Section 313.

US State Regulations

U.S. State Right-to-Know Regulations

To the best of our knowledge, no ingredients of this product were found on state lists.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

Disclaimer

The information provided in this 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