



MATERIAL SAFETY DATA SHEET

Advanced Dishwashing Service

Revision Date 7/07/07

Product Sani-Dri #4

Page Number 1

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name SaniDri #4
Manufacturer Advanced Dishwashing Service
9280 Knapp Road
Houghton Lake MI 48629
Manufacturer Telephone 800-348-4333
Telephone Numbers- 24 hour Emergency Assistance
Medical 800-228-5635
Chemtrec 800-424-9300

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Isopropanol	67-63-0	<5

Component Information

3 HAZARDS IDENTIFICATION

Emergency Overview
Blue liquid with alcohol odor.

Health Effects: Eyes
May cause eye irritation

Health Effects: Skin
May cause skin irritation



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3 HAZARDS IDENTIFICATION CONT.

Health Effects: Inhalation

Exposure via inhalation not likely. High vapor or aerosol mist concentration may be irritating to the nose, throat and upper respiratory tract.

Health Effects: Ingestion

This product may be harmful if swallowed.

4 FIRST AID MEASURES

Eyes

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get medical attention or advice.

Skin

Immediately take off all contaminated clothing. Wash contaminated clothing before reuse. For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist get medical attention.

Ingestion

If the material is swallowed, drink 2 glasses of water and induce vomiting. Get immediate medical attention or advice.

Notes to Physician



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5 FIRE FIGHTING MEASURES

Flash Point > 150 Degrees f

Extinguishing Media

Carbon Dioxide, Foam, Dry Chemical or water

Fire Fighting Equipment / Instructions

Wear full protective gear including self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Do Not touch or walk through spilled material.

Surfaces may become slippery after spillage.

7 HANDLING & STORAGE

Handling Procedures

Wash thoroughly after handling. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. As with all chemicals, good industrial hygiene practice should be followed when handling this material.

Storage Procedures

Avoid freezing or excessive heat. Store in a cool, dry, well-ventilated area.

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.



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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Use with adequate ventilation

Personal Protective Equipment: Eyes/Face

Wear chemical goggles and face shield.

Personal Protective Equipment: Skin

Use of protective coveralls and long sleeves is recommended. Use impervious gloves.

Personal Protective Equipment: Respiratory

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for alcohol vapors should be worn.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

9 PHYSICAL & CHEMICAL PROPERTIES

Flash Point > 150 F

Specific Gravity 1.02

Percent Volatile <90

Vapor Density <1

Evaporation Rate >1

Solubility in Water Complete in water

pH Value 7

Appearance and Odor Blue liquid with alcohol odor.



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10 STABILITY & REACTIVITY

Chemical Stability
stable

Conditions to Avoid
Heat, spark or flame
Oxidizing Agents

Incompatibility

Hazardous Decomposition
Oxides of carbon and/or of sulfur

Hazardous Polymerization
will not occur

11 TOXICOLOGICAL INFORMATION

Carcinogenicity
none

12 ECOLOGICAL INFORMATION

Ecotoxicity



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13 DISPOSAL CONSIDERATIONS

Disposal Instructions

Dispose of all waster in accordance with all federal, state and local legislation.

14 TRANSPORT INFORMATION

DOT Proper Shipping Name

Cleaning Compound, Liquid

15 REGULATORY INFORMATION

Ingredient Name

CAS Number

Percent

Isopropanol

67-63-0

<5

Alchols, c12-15, ethoxyl

68551-13-3

<15

Inventories



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16 OTHER INFORMATION

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HAZARD RATINGS

Health	0	0
Flammability	0	0
Reactivity	0	0

PPE