

## SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)  
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: CSN DISHWASHING X CONCENTRATE  
PRODUCT USES: DISHWASHING DEGREASER  
COMPANY IDENTITY: Cleaning Supply Network  
COMPANY ADDRESS: 165 Chaseville Street  
COMPANY CITY: Pensacola, FL 32507  
COMPANY PHONE: 1-850-434-9997  
EMERGENCY PHONES: INFOTRAC: 1-800-535-5053 (USA)

### SECTION 2. HAZARDS IDENTIFICATION

**DANGER!**



#### HAZARD STATEMENTS:

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H401 Toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

#### PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

- P264 Wash hands thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302 + P352 If on skin: Wash with plenty of water.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician. Specific treatment (see this label)
- P361 Take off contaminated clothing.
- P363 Wash contaminated clothing before reuse.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Alcohols, C9-C11, ethoxylated	68439-46-3	-	> 60

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

### SECTION 4. FIRST AID MEASURES

#### GENERAL ADVICE:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

#### EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention.

**SECTION 4. FIRST AID MEASURES (CONTINUED)****SKIN CONTACT:**

Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse

**INHALATION:**

Move to fresh air. Call a physician if symptoms develop or persist.

**SWALLOWING:**

Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting without advice from poison control center.

**NOTES TO PHYSICIAN:**

Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage could result. Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**SECTION 5. FIRE FIGHTING MEASURES****GENERAL FIRE HAZARDS**

No unusual fire or explosion hazards noted.

**EXTINGUISHING MEDIA**

Use dry powder, carbon dioxide, foam, or water fog. Do not use water jet as this will spread the fire.

**SPECIAL FIRE FIGHTING PROCEDURES**

Use standard firefighting procedures and consider the hazards of the other materials involved. Move containers from fire area if you do so without risk. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**UNUSUAL EXPLOSION AND FIRE PROCEDURES**

During fire, gases hazardous to health may be formed.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:**

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto ground.

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**CONTAINMENT AND CLEAN-UP MEASURES:**

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (cloth, towel). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal see Section 13 of the SDS.

**SECTION 7. HANDLING AND STORAGE****HANDLING**

Do not get in eyes, on skin or clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment.

**STORAGE**

Store in original tightly closed containers. Store away from incompatible materials listed in section 10 of the SDS.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

## VENTILATION

LOCAL EXHAUST: Necessary                      MECHANICAL (GENERAL): Necessary  
 SPECIAL: None                                      OTHER: None

Good general ventilation (typically 10 airchanges per hour) should be used. In case of insufficient ventilation, wear suitable respiratory equipment.

## EYE PROTECTION:

Splash goggles, safety glasses or face - shields.

## HAND PROTECTION:

Wear appropriate impervious gloves for routine industrial use.

## BODY PROTECTION:

Wear clothing made from impervious materials which is generally acceptable, depending on the task.

## WORK &amp; HYGIENIC PRACTICES:

Also wash hands before eating, drinking or smoking. Routinely wash work clothing and protective equipment to remove contaminants,

**SECTION 9. PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE:	Clear Yellow Liquid
ODOR:	Lemon
ODOR THRESHOLD:	Not Available
pH (Neutrality):	5.5 to 7.0
MELTING POINT/FREEZING POINT:	37.4 F (3 C)
BOILING RANGE (IBP,50%,Dry Point):	Not Available
FLASH POINT (TEST METHOD):	> 93 C / > 201 F (PMCC)
EVAPORATION RATE (n-Butyl Acetate=1):	Not Available
FLAMMABILITY CLASSIFICATION:	Class IIIB
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	Not Available
VAPOR DENSITY (air=1):	Not Available
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	1.000
SPECIFIC GRAVITY (Water=1):	1.001
POUNDS/GALLON:	8.340
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt%
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VISCOSITY @ 20 C (ASTM D445):	> 59 cP

\* Using CARB (California Air Resources Board Rules).

**SECTION 10. STABILITY & REACTIVITY**

## STABILITY

The product is stable and non-reactive under normal conditions of use, storage and transport.

## CONDITIONS TO AVOID

Avoid temperature exceeding flash point and contact with incompatible materials.

## MATERIALS TO AVOID

Avoid strong oxidizing agents.

## HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide and/or low molecular weight hydrocarbons.

## HAZARDOUS POLYMERIZATION

Will not occur.

COMPANY IDENTITY: CLEANING SUPPLY NETWORK

PRODUCT: DISHWASHING X CONCENTRATE

**SECTION 11. TOXICOLOGICAL INFORMATION****ACUTE HAZARDS****EYE & SKIN CONTACT:**

Causes skin irritation. It is not expected to cause skin sensitization.  
Causes serious eye damage.

**INHALATION:**

Prolonged inhalation may be harmful.

**SWALLOWING:**

Expected to be a low ingestion hazard.

**SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED****CONDITIONS AGGRAVATED**

None known.

**CHRONIC HAZARDS****CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

**IRRITANCY OF PRODUCT:** This product is irritating to contaminated tissue.

**SENSITIZATION TO THE PRODUCT:** No component of this product is known to be a sensitizer.

**MUTAGENICITY:** No data available to indicate product or any components greater than .1% are mutagenic.

**EMBRYOTOXICITY:** No data available to indicate product or any components greater than .1% are genotoxic.

**TERATOGENICITY:** No data available to indicate product or any components greater than .1% are genotoxic.

**REPRODUCTIVE TOXICITY:** This product is not expected to cause reproductive or developmental effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

**MAMMALIAN TOXICITY INFORMATION**

MATERIAL	CAS#	EINECS#	TEST WITH RESULTS
Alcohols, C9-C11, ethoxylated	68439-46-3	-	Dermal LD50 Rabbit >2000 mg/kg
Alcohols, C9-C11, ethoxylated	68439-46-3	-	Oral LD50 Rat >2000mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**EFFECT OF MATERIAL ON PLANTS AND ANIMALS:**

This product is toxic to aquatic life. It is harmful to aquatic life with long lasting effects.

**EFFECT OF MATERIAL ON AQUATIC LIFE:**

72 hour EC50	10-100 mg/l (Algae)
48 hour EC50	5-10 mg/l (Daphnia)
48 hour LC50:	5-10 mg/l (Fish)

**MOBILITY IN SOIL**

Mobility of this material has not been determined.

COMPANY IDENTITY: CLEANING SUPPLY NETWORK

PRODUCT: DISHWASHING X CONCENTRATE

**SECTION 12. ECOLOGICAL INFORMATION (CONTINUED)****DEGRADABILITY**

This product is readily biodegradable.

**ACCUMULATION**

Bioaccumulation of this product has not been determined.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal.

**ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.**

**SECTION 14. TRANSPORT INFORMATION**

DOT/TDG SHIP NAME: Not Regulated  
 DRUM LABEL: None  
 IATA / ICAO: Not Regulated  
 IMO / IMDG: Not Regulated  
 EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

**SECTION 15. REGULATORY INFORMATION****EPA REGULATION:**

SARA SECTION 311/312 HAZARDS: Immediate Hazard

All components of this product are on the TSCA list. They are not listed on CERCLA Hazardous Substance List or OSHA Specifically Regulated Substances list.

SARA Title III Section 313 Supplier Notification

This product contains the indicated <\*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS#	EINECS#	WT%	(REG.SECTION)	RQ(LBS)
1,4-dioxane	123-91-1	-	<0.1		
Acetaldehyde	75-07-0		<0.1		

**STATE REGULATIONS:****CALIFORNIA**

This product is not for sale in the state of California.

**INTERNATIONAL REGULATIONS**

The identified components of this product are listed on the chemical inventories of the following countries:

Australia (AICS), Canada (DSL), China (IECSC), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), USA (TSCA).

**CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

D2B: Irritating to skin / eyes.

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all information required by the CPR.

**SECTION 16. OTHER INFORMATION****HAZARD RATINGS:**

HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 1, PHYSICAL HAZARD: 0  
 (Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**EMPLOYEE TRAINING**

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.



**SECTION 16. OTHER INFORMATION (CONTINUED)**

SDS DATE: 02/9/2015

**NOTICE**

Bridgewater LLC disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.