

# 1000 FOOD PLANT CLEANER 38-1000 MSDS Material Data Safety Sheet

Review and update this document annual as outlined by OSHA regulations and your safety plan.

## PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): 1000 FOOD PLANT CLEANER  
Product Class:

Emergency Telephone Number: 651-227-8331  
Telephone Number for Information: 651-227-8331  
Manufacturer's Name and Address:  
Needels Supply Inc.  
444 Wacouta Street  
Saint Paul, MN 55101

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## SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	OSHA PEL	AGGIH	Other Comments
A	Water CAS# 7732-18-5	NE	NE	
B	Trisodium Phosphate Crystal CAS# 10101-89-0	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	
C	Potassium Hydroxide CAS# 1310-58-3	NE	2mg/m <sup>3</sup>	
D	Sodium Xylene Sulfonate Liquid CAS# 1300-72-7	100ppm	150ppm	
E	Ethyl Alcohol CAS# 64-17-5	1000ppm	1000ppm	
F	Ninol 11-CM	NE	NE	
G	Diethanol amide CAS# 111-42-2	3ppm	3ppm	
H	Tetrasodium ethylenediaminetetraacetate CAS# 64-02-8	NE	2mg/m <sup>3</sup>	

## SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Infinite  
Appearance and Odor: Light straw color, low viscosity

## SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition  
Temperature: ND  
Flash Point (method used): Greater than 200 DEG. F  
Flammable Limits: NA LEL: ND UEL:  
Extinguishing Media See below

Water? X	Foam? X	Water Fog? X	Alcohol Foam?
CO2? X	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NR  
Unusual Fire and Explosion Hazards: Upon heating to high temperature a small amount of ethyl alcohol will flash off.  
Combustion not supported beyond this.  
TDG Flammability Classification:  
Sensitivity to Mechanical Impact: No  
Sensitivity to Static Discharge: No

## SECTION V - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X  
Conditions to Avoid: Keep from freezing, store at temperatures up to 115 DEG. F  
Incompatibility (materials to avoid): Do not mix with acids or acidic compounds.  
Hazardous Decomposition or By-products: CO, CO2, Nox, SO2 in small amounts when residue is incinerated.  
Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: NA

## SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Harmful if swallowed. Concentrate causes burns to eye. Prolonged skin contact removes skin oils and chafing can develop.  
Potential Health Hazards  
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: No  
Eye: Flush eyes for at least 15 minutes with cool running water. Get medical attention.  
Skin: Wash area with warm water. Remove and wash any contaminated clothing before reuse.  
Ingestion: If swallowed, do not induce vomiting. Drink one to two glasses of water, call a physician immediately.  
Health Hazards: Harmful if swallowed. Concentrate causes burns to eye. Prolonged skin contact removes skin oils and chafing can develop.

Carcinogenicity: NTP? NO  
IARC Monographs? NO  
OSHA Regulated? NO.

Signs & Symptoms of Exposure: See health hazards.

## SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: All spills should be treated as quickly as possible. Turn off all sources of ignition (pilot lights, cigarettes, etc.) in all areas close to spill. Provide good ventilation in spill area. CAUTION: Spills cause floors to become very slippery. It is recommended that an absorbent (oil dry, sawdust, etc.) be available in case a large spill (say more than 1/2 gallon) occurs. Drying and applying such material limits spread and improves ease of removal. Apply amounts recommended by the manufacturer this action generally makes the spill material into a semi-dry slush which can be removed from a floor using a squeegee (or floor brush) and a shovel (non sparking). Place this material in a waterproof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with clear water. Mop-rinse again with clear and pick up rinse water with a wet/dry vacuum, put defoamer in vacuum tank to prevent vacuum flooding. Put rinse water in slush container. For small spills (less than 1/2 gallon of product) clean up by thoroughly mopping and rinsing. Note: It is recommended that on operator wear impervious footwear (neoprene, etc.), protective eye glasses and protective gloves.

Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Store at temperatures from 40 DEG. F to 115 DEG. F.

Other Precautions: Keep out of reach of children. Do not freeze.

Waste Disposal Method: Dispose of in accordance with existing laws and regulations.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): NR

Ventilation: Local Exhaust: Special: NR  
Mechanical (General): Normal good ventilation sufficient Other: NR  
Protective Gloves: Suggested for hand work  
Eye Protection: Safety goggles or glasses  
Footwear: Impervious footwear  
Other Protective Clothing or Equipment: Wear mask when used for pressure cleaning.  
Work/Hygienic Practices: Do not contaminate food or beverage with this or other cleaning chemicals.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >200 DEG. F  
pH:  
Specific Gravity (H2O) = 1: 1.044-1.050 %  
Volatile:  
Vapor Density (Air = 1): Essentially same as water  
Evaporation Rate (Butyl Acetate = 1): Essentially same as water  
Solubility in Water: Complete  
Vapor Pressure (MM HG): Essentially same as water  
Melting Point: Liquid, except when frozen

<b>HMIS</b> Hazardous Material Identification System	
Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
Flammable (Inflamabilidad)	0 = Minimal Hazard (Riesgo Minimo)
Reactivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	B = Gloves & Goggles
<b>MSDS Abbreviations</b>	
NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required



**NEEDELS SUPPLY**  
for Cleaning & Maintenance Professionals