

# MATERIAL SAFETY DATA SHEET



Date Issued: 01.01.07  
MSDS Reference Number: 552.07  
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Revision Number: 3  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: D-FOAM - 552  
GENERAL USE: Anti-Foamer for Parts Washers and equipment  
PRODUCT CODE: 552  
PRODUCT FORMULATION NAME: NA  
CHEMICAL FAMILY: Detergents  
GENERIC NAME: NA

24 HR. EMERGENCY TELEPHONE NUMBERS:  
CHEMTREC: (800) 424-9300 Outside US: (703)-527-3887  
ROCKY MOUNTAIN POISON CONTROL CENTER: (303) 739-1110

**MANUFACTURER:** Hydrus Detergents  
601 North Van Gordon  
Graettinger, IA. 51342  
**PHONE:** (712) 859.3999 **FAX:** (712) 859.3998

We believe this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains no known hazardous ingredients requiring listing by OSHA.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Milky White Liquid

IMMEDIATE CONCERNS: CAUTION: May cause eye or skin irritation.

### POTENTIAL SIDE EFFECTS

EYES: Some irritation.

SKIN: Skin may dry out from the liquid.

INGESTION: Some irritation may occur.

INHALATION: NA

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation

SKIN: Skin irritation.

INGESTION: NA

INHALATION: Irritation

ACUTE TOXICITY: Irritation and redness.

CARCINOGENICITY: Not listed by NTP, IARC, or OSHA. MUTAGENICITY: No

REPRODUCTIVE TOXIN

REPRODUCTIVE EFFECTS: No

TERATOGENIC EFFECTS: No

TARGET ORGAN STATEMENT: NA

SENSITIZATION: No

## 4. FIRST AID MEASURES

EYES: Allow streaming water to flow over the face while blinking both eyes for 15 minutes for optimum irrigation. Get medical attention.

SKIN: Thoroughly wash with water.

INGESTION: Induce vomiting by drinking plenty of water or milk and sticking finger down throat. Get immediate medical attention.

INHALATION: NA

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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## 5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: >212° F. Method: CC  
FLAMMABLE LIMITS: NA  
AUTOIGNITION TEMPERATURE: NA  
FLAMMABLE CLASS: NA  
FLAME PROPAGATION OR BURNING RATE OF SOLIDS: NA  
GENERAL HAZARD: NA  
EXTINGUISHING MEDIA: Water, Carbon Dioxide, Foam, Dry Chemical.  
HAZARDOUS COMBUSTION PRODUCTS: NA  
FIRE FIGHTING PROCEDURES: None  
FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires.  
SENSITIVE TO STATIC DISCHARGE: NA  
SENSITIVITY TO IMPACT: NA

## 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Shut off leak if this can be done without injury. Place into a recovery unit.  
LARGE SPILL: Shut off leak if this can be done without injury. Place into a recovery unit.  
ENVIRONMENTAL PRECAUTIONS  
WATER SPILL: Use appropriate containment to avoid runoff.  
LAND SPILL: Use appropriate containment to avoid runoff.  
GENERAL PROCEDURES: NA  
RELEASE NOTES: If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the US, contact the US Coast Guard National Response Center toll free at 800-424-8802.  
IN CASE OF ACCIDENT OR ROAD SPILL: Contact CHEMTREC at (800) 424-9300  
Outside US call: (703) 527-3887  
See Section 13 for disposal information and Section 15 for regulatory requirements. Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

## 7. HANDLING AND STORAGE

HANDLING: Handle in a well ventilated area. Handle and use in a manner consistent with good industrial and/or manufacturing techniques and practices.  
STORAGE: Store in a cool dry area. Keep container closed when not in use. Freeze/thaw stable; however container may crack if frozen.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (PPE)

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200) See Section 2, Page 1.  
ENGINEERING CONTROLS: Provide adequate ventilation to control airborne levels.  
PERSONAL PROTECTIVE EQUIPMENT (PPE)  
EYES AND FACE: Safety glasses  
SKIN: NA  
RESPIRATORY: NA  
WORK HYGIENIC PRACTICES: Facilities storing or using this material should be equipped with an eyewash facility and a safety shower. Good personal hygiene practices should always be followed.  
REMARKS: This product contains hazardous ingredients per OSHA 29 CFR 1910.1200. No PEL's TLV's or OEL's for this product or it's ingredients are listed in the current issue of ACGIH's Guide to Occupational Exposure values nor have they been determined by the manufacturer.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	ODOR:	No Odor
APPEARANCE:	Liquid	COLOR:	Milky/White
pH 5% solution:	7-8	VAPOR PRESSURE:	NE
DENSITY:	NA	BOILING POINT:	212° F
FREEZING POINT:	32° F	SOLUBILITY IN WATER:	Slight
MELTING POINT:	32° F	SPECIFIC GRAVITY:	1.01
VAPOR DENSITY:	ND	MOLECULAR FORMULA:	NA
VISCOSITY:	NA	COEFF. OIL/WATER:	NA
MOLECULAR WEIGHT:	NA		

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## 10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITONS TO AVOID: NA

STABILITY: This product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will NOT occur

HAZARDOUS DECOMPOSITION PRODUCTS: NA

INCOMPATIBLE MATERIALS: NA

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## 11. TOXICOLOGICAL INFORMATION

ACUTE: Irritation and redness.

DERMAL LD<sub>50</sub>: ND

ORAL LD<sub>50</sub>: ND

INHALATION LC<sub>50</sub>: ND

EYE EFFECTS: Irritation to eyes.

SKIN EFFECTS: Irritation to skin.

SENSITIZATION: NA

TARGET ORGANS: Eyes, skin, gastrointestinal tract, respiratory system.

CARCINOGENICITY: Not listed by IARC, NTP or OSHA.

MUTAGENICITY: No

REPRODUCTIVE EFFECTS: No

TERATOGENIC EFFECTS: No

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## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: ND

DISTRIBUTION: NA

CHEMICAL FATE INFORMATION: ND

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## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Shut off leak. Residual material should be disposed of in a manner in accordance with all Federal, State and Local pollution control laws and regulations.

FOR LARGE SPILLS: Shut off leak. Residual material should be disposed of in a manner in accordance with all Federal, State and Local pollution control laws and regulations.

PRODUCT DISPOSAL: Dispose of in a manner in accordance with applicable regulations.

EMPTY CONTAINER: Dispose of in a manner in accordance with applicable regulations.

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## 14. TRANSPORTATION INFORMATION

UNITED STATES AND CANADIAN PROPER SHIPPING NAME: Non-Hazardous cleaning compound

HAZARDOUS LABEL: None

PRODUCT NAME: D-Foam-552, by Hydrus Detergents

FREIGHT CLASS: 55

AIR (ICAO/IATA):

PROPER SHIPPING NAME: See Above

LABEL: None

EUROPEAN TRANSPORTATION:

PROPER SHIPPING NAME: ND

LABEL: ND

INTERNATIONAL:

PROPER SHIPPING NAME: ND LABEL: ND

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## 15. REGULATORY INFORMATION

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS & REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No

REACTIVITY: No ACUTE: No CHRONIC: No

313 REPORTABLE INGREDIENTS: None

TITLE III NOTES:

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION AND LIABILITY ACT)

CERCLA RQ: NA

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: Yes

NATIONAL RESPONSE CENTER: U.S. COAST GUARD NATIONAL CENTER PHONE: 800-424-8802.

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## 15. REGULATORY INFORMATION (CONTINUED)

### CANADA:

WHMIS (WORKER HAZARDOUS MATERIALS INFORMATION SYSTEM) This product is not WHMIS controlled.

CANADA INGREDIENT DISCLOSURE LIST: Yes

CANADIAN ENVIRONMENTAL PROTECTION ACT: No

### EUROPEAN COMMUNITY:

EUROPEAN COMMUNITY REGULATORY: ND

### MEXICO:

STATE REGULATIONS: NA

## 16. OTHER INFORMATION

REASON FOR ISSUE: New 16 Section MSDS



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TITLE: Manager/Chemist

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REVISION SUMMARY: Revision 3 of 3. Replaces January, 2006

HMIS RATING		NFPA RATING	
HEALTH	1	HEALTH:	1
FLAMMABILITY:	1	FLAMMABILITY:	0
PHYSICAL HAZARD:	0	INSTABILITY:	0
PERSONAL PROTECTION:	B	SPECIAL HAZARDS:	NONE
KEY		KEY	
SEVERE:	4	OXIDIZER =	OXY
SERIOUS:	3	RADIATION HAZARDS =	
MODERATE:	2	USE NO WATER =	
SLIGHT	1	ALKALI =	ALK
MINIMAL	0	CORROSIVE =	COR
		ACID =	ACID
		POLYMERIZES =	P

### Key Legend:

TLV = Threshold Limit Value

PEL = Permissible Exposure Limit

OSHA = Occupational Safety and Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

NPCA = National Paints & Coatings Association

HMIS = Hazardous Materials Identification System

NFPA = National Fire Protection Agency

TWA = Time Weighted Average

NTP = Nation Toxicology Program

IARC = International Agency for Research on Cancer

NE = None Established

ND = None Determined

NA = None Available

COEFF: Coefficients

We believe this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act. We believe the information contained on this Material Safety Data Sheet is current and offered in good faith. The information is provided for your guidance only. Alkota Detergents makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. It is the user's obligation to determine the suitability of this product for a specific purpose and the conditions for safe use of the product. We reserve the right to revise this Material Safety Data Sheet as newer information becomes available. Alkota Detergents makes no warranty of any kind.