

MATERIAL SAFETY DATA SHEET  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

U.S DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB. No. 1218-0072

IDENTITY (As used on Label and List)

FlushAID™

### SECTION I

Manufacturer's Name: CTECH.

Emergency Telephone Number: CTECH:  
INT'L: + 47 92899969

Address (Number, Street, City, State, and ZIP)

Telephone Number for information: (47) 97955465

Utstranda 166, 3531 Krokkleiva, Norway

Date prepared: (optional) 31.2.2003

### SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name (s))	OSHA PEL	ACGIH TLV	%(optional)
Solvents		100PPM	
Ingridients: Detergents		50PPM	
Ethylene Glycol Mono Butyl, Ether		50PPM	
Others: Anti-foaming agent		50PPM	

### SECTION III - Physical /Chemical Characteristics

Boiling Point:	135-232 °C	Specific Gravity (H20 = 1):	.82
Vapor Pressure:	3mmHg	Melting Point:	
Vapor Density(AIR = 1)	4.3	Evaporation Rate: (Ether = 1)	<1.00
Solubility in Water:	N.S.		
Percentage Explosive in The Volume:	99%		

Appearance and Odor: Amber color solvent having a mild odor.

### SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) :	Tag closed cup 39 °C
Flammable Limits -	LEL: 1.0 UEL: 10

Extinguishing Media: Regular foam or carbon dioxide, or dry chemical.

Special Fire Fighting Procedures: Self- contained breathing apparatus with a full face mask operated with pressure amber.

Unusual Fire and Explosion Hazards: Vapour is heavier than air and may travel along the ground or being moved by ventilation and ignited by heat, other flames and lighted sources far from the treatment point of the material. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

OSHA 174, Sept. 1985  
NFPA (NATIONAL FIRE PROTECTION ASSOCIATION STANDARD)  
Health Hazard: 1 Flammability: 2 Reactivity: 0

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**SECTION V - Reactivity Data**

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Stability:            Unstable:            Stable: X            Conditions to Avoid:

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Incompatibility (materials to avoid): Contact with strong oxidizing agents.

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Hazardous Decomposition or Byproducts: Thermal decomposition in the presence of air may yield carbon oxide.

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Hazardous Polymerization: May Occur:    Will not occur: x    Conditions to Avoid :

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**SECTION VI - Health Hazard Data**

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Route(s) of Entry: Inhalation? Yes    Skin? Yes    Ingestion? Yes    Health Hazards (Acute and Chronic):  
Carcinogenicity: NTP? No    IARC Monographs? No    OSHA Regulated? No  
Signs and Symptoms of Exposure:

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Medical Conditions Generally Aggravated by Exposure: EYES: Can cause acute irritation, redness, tearing, blurred vision. SKIN: Can cause irritation, defatting and dermatitis. Breathing of vapors can cause nasal and respiratory irritation, dizziness, nausea, headache and possible unconsciousness. Swallowing may cause nausea, vomiting and diarrhea. Breathing into your lungs can cause pneumonia.

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Emergency and First Aid Procedures: EYES: Flush with water for at least 15 minutes and seek immediate medical attention. SKIN: Wash with soap and water. Seek medical attention if irritation from contact persists. INHALATION: If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention. SWALLOWING: DO NOT INDUCE VOMITING. Seek immediate medical attention.

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**SECTION VII - Precautions for Safe Handling and Use**

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Steps to be taken in Case Material is Released or Spilled: Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbent.

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Waste Disposal Method: Dispose of product in accordance with local, county, state and federal regulations.

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Precautions to be Taken in Handling and Storing: Keep product container cool, dry and away from sources of ignition. Store in an area with adequate ventilation.

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Other Precautions: Personnel should avoid inhalation of vapors. If the product splash on a person, remove saturated clothing and flush contaminated area. Launder clothing before reuse.

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**SECTION VIII - Control Measures**

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Respiratory Protection (Specify Type): Recommended use a NIOSH/MSHA approved cartridge respirator.

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Ventilation    Local Exhaust: Provide mechanical ventilation to maintain exposure site during TLV's.  
                  Mechanical (General):                    Other:                    Special:

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Protective Gloves : The use of Nitrile rubber gloves is advised to prevent skin irritation in sensitive individuals.  
Eye Protection: Use goggles or face shields to safeguard against potential eye contact.

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Other Protective Clothing or Equipment: To prevent repeated or prolonged skin contact, use impervious clothing and boots.

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BA/Revised 9/2003