

STORAGE TECHNOLOGY CORP -- P/N 872-2 HUB AND TRANSPORT CLEANER FLUID --  
7040-01-072-2344

===== Product Identification =====

Product ID:P/N 872-2 HUB AND TRANSPORT CLEANER FLUID

MSDS Date:02/17/1988

FSC:7040

NIIN:01-072-2344

MSDS Number: BLLBY

=== Responsible Party ===

Company Name:STORAGE TECHNOLOGY CORP

Address:2270 S 88TH ST

City:LOUISVILLE

State:CO

ZIP:80027-9717

Country:US

Emergency Phone Num:

DUPONT, 800-441-3637

CAGE:55299

=== Contractor Identification ===

Company Name:STORAGE TECHNOLOGY CORP.

Address:2270 S 88TH STREET

Box:City:LOUISVILLE

State:CO

ZIP:80027-9717

Country:US

Phone:303-673-5670

CAGE:55299

===== Composition/Information on Ingredients =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA  
III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 65%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9

Ozone Depleting Chemical:1

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 35%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE SUFFOCATION BY  
REDUCING OXYGEN. SKIN: REPEATED

LIQUID CONTACT CAN CAUSE DEFATTING

OF THE SKIN. THIS MATERIAL IS POORLY ABSORBED THROUGH THE SKIN.

EYES: IRRITATION. INGESTION: ORAL TOXICITY IS LOW.

Effects of Overexposure:INHALATION: MAY CAUSE LIGHT HEADEDNESS,  
GIDDINESS, SHORTNESS OF BREATH, IRRITATION OF THE UPPER RESPIRATORY  
TRACT. MAY LEAD TO NARCOSIS, CARDIAC IRREGULARITIES,  
UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =

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First Aid:INHALATION: REMOVE TO FRESH AIR, CALL A PHYSICIAN. ASSIST  
WITH BREATHING IF NECESSARY. DO NOT GIVE EPINEPHRINE OR SIMILAR  
DRUGS. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST  
15 MIN. CALL A PHYSICIAN. SKIN: FLUSH WITH WATER. GET MEDICAL  
ATTENTION IF IRRITATION PERSISTS. INGESTION: DO NOT INDUCE  
VOMITING. GET MEDICAL ADVICE.

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===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Med

ia:AS APPROPRIATE FOR SURROUNDING FIRE. THIS PRODUCT IS NON-FLAMMABLE.

Fire Fighting Procedures:THE ADDITION OF EXCESS WATER WILL EXTRACT ISOPROPANOL AND MAY FORM A FLAMMABLE SUPERNATANT LAYER. SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Unusual Fire/Explosion Hazard:DRUMS MAY RUPTURE UNDER FIRE CONDITIONS. DECOMPOSITION MAY OCCUR.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. DO NOT FLUSH INTO SEWERS. SIK E SPILL. COLLECT ON ABSORBENT MATERIAL AND TRANSFER TO STEEL DRUMS FOR RECOVERY OR DISPOSAL.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:AVOID BREATHING VAPORS AND PROLONGED SKIN CONTACT. USE ONLY IN WELL-VENTILATED AREAS.

Other Precautions:DO NOT HEAT ABOVE 125F.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:UNDER NORMAL MANUFACTURING CONDITIONS, NO R

ESPIRATORY PROTECTION IS NECESSARY. SELF-CONTAINED BREATHING APPARATUS IS NECESSARY IF A LARGE SPILL OCCURS.

Ventilation:LOCAL EXHAUST WHEN LARGE AMOUNTS ARE RELEASED. MECHANICAL VENTILATION WHEN USED IN LOW PLACES.

Protective Gloves:BUTYL GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:120F,49C

Vapor Pres:151 MM HG

Vapor Density:4.90

Spec Gravity:1.115

Solubility in Water:ALCOHOL IS MISCIBLE

Appearance and Odor:CLEAR LIQUID, SLIGHT SOLVENT ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
ALKALI OR ALKALINE EARTH METALS.

Stability Condition to Avoid:OPEN FLAMES AND HIGH TEMPERATURES.

Hazardous Decomposition Products:HYDROCHLORIC AND HYDROFLUORIC ACI

DS  
AND POSSIBLE CARBONYL HALIDES.

===== Disposal Considerations =====

Waste Disposal Methods: COMPOY WITH FEDERAL, STATE, AND LOCAL  
REGULATIONS ON REPORTING OR RELEASED MATERIAL.

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