

SPARTAN CHEMICAL -- TNT TUB AND TILE CLEANER - CLEANING SOLUTION, PORCELAIN, LIQUID
MATERIAL SAFETY DATA SHEET
NSN: 7930014181492
Manufacturer's CAGE: 23212
Part No. Indicator: A
Part Number/Trade Name: TNT TUB AND TILE CLEANER

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General Information
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Item Name: CLEANING SOLUTION, PORCELAIN, LIQUID AEROSOL
Company's Name: SPARTAN CHEMICAL CO INC
Company's Street: 110 N WESTWOOD AVE
Company's City: TOLEDO
Company's State: OH
Company's Country: US
Company's Zip Code: 43607-3340
Company's Emerg Ph #: 419-531-5551
Company's Info Ph #: 419-531-5551
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 03OCT94
Safety Data Review Date: 23DEC96
Supply Item Manager: CX
MSDS Preparer's Name: THOMAS J. MITCHELL
Preparer's Company: SAME AS MFG
MSDS Serial Number: CCLFN
Specification Number: NK
Spec Type, Grade, Class: NK
Hazard Characteristic Code: NK
Unit Of Issue: BX
Unit Of Issue Container Qty: 12-18OZ CO/BX
Type Of Container: NK
Net Unit Weight: NK
NRC/State License Number: NK
Net Explosive Weight: NK
Net Propellant Weight-Ammo: NK
Coast Guard Ammunition Code: NK

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: 2-BUTOXYETHANOL (SARA 313)
Ingredient Sequence Number: 01
Percent: 4.0
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: 120 MG/M3
ACGIH TLV: NOT EST.
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ISOBUTANE-COMPRESSED GAS
Ingredient Sequence Number: 02
Percent: 5.0
NIOSH (RTECS) Number: TZ4300000
CAS Number: 75-28-5
OSHA PEL: NOT EST.
ACGIH TLV: NOT EST.
Other Recommended Limit: NONE RECOMMENDED

<http://msds.pdc.cornell.edu/msds/siri/msds/h/q351/q378.html>

6/28/02

Physical/Chemical Characteristics

Appearance And Odor: FOAM SPRAY, MINT FRAGRANCE.
Boiling Point: 210 TO 212F
Melting Point: NK
Vapor Pressure (MM Hg/70 F): 18MMHG@75F
Vapor Density (Air=1): NK
Specific Gravity: 1.01
Decomposition Temperature: NK
Evaporation Rate And Ref: <1 (BUAC=1)
Solubility In Water: COMPLETE, CONCENTRAT
Percent Volatiles By Volume: NK
Viscosity: NK
pH: *
Radioactivity: NK
Corrosion Rate (IPY): NK
Autoignition Temperature: NK

Fire and Explosion Hazard Data

Flash Point: PROPELLANT <0.0F
Flash Point Method: TCC
Lower Explosive Limit: NE
Upper Explosive Limit: NE
Extinguishing Media: NONE
Special Fire Fighting Proc: USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS.
Unusual Fire And Expl Hazrds: AT ELEVATED TEMPERATURES (>54C/130F)
CONTAINER MAY VENT, RUPTURE OR BURST.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NK
Materials To Avoid: NONE KNOWN.
Hazardous Decomp Products: NONE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NK

Health Hazard Data

LD50-LC50 Mixture: NOT ESTABLISHED.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: MAY CAUSE SKIN & EYE IRRIT. AVOID PROLONGED SKIN CONTACT & INHALATION OF VAPORS OR MISTS. BUTOXYETHANOL IS ABSORBED THROUGH YTHE SKIN, WHICH MAY AFFECT THE LIVER, KIDNEYS, LYMPH & BLOOD SYSTEMS. INHAL: MAY IRRIT THROAT & RESPIRATORY SYSTEM.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NK
Signs/Symptoms Of Overexp: NK
Med Cond Aggravated By Exp: UNKNOWN
Emergency/First Aid Proc: EYE: IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. REMOVE CONTACT LENSES. SKIN: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: DILUTE WITH WATER AND FLUSH INTO SANITARY SEWER SYSTEM.

Neutralizing Agent: NK

Waste Disposal Method: DO NOT INCINERATE OR PUNCTURE AEROSOL CONTAINER. DISPOSE IN ACCORDANCE WITH STATE OR LOCAL REGULATIONS.

Precautions-Handling/Storing: CONTENTS UNDER PRESSURE. DO NOT USE NEAR FIRE, SPARKS, FLAME. DO NOT STORE WHERE TEMPERATURES COULD EXCEED 120F.

Other Precautions: NONE

Control Measures

Respiratory Protection: NONE REQUIRED.

Ventilation: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS. LOCAL EXHAUST MAY BE NECESSARY FOR SOME OPERATIONS.

Protective Gloves: RUBBER OR WATER RESISTANT.

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: NONE

Work Hygienic Practices: NK

Suppl. Safety & Health Data: *12 TO 12.4.

Transportation Data

Trans Data Review Date: 96358

DOT PSN Code: DTJ

DOT Symbol: D

DOT Proper Shipping Name: CONSUMER COMMODITY

DOT Class: ORM-D

DOT Label: NONE

DOT/DoD Exemption Number: NK

IMO PSN Code: AKH

IMO Proper Shipping Name: AEROSOLS/AEROSOL PRODUCT

IMO Regulations Page Number: SEE 9022

IMO UN Number: 1950

IMO UN Class: 9

IMO Subsidiary Risk Label: -

IATA PSN Code: ALS

IATA UN ID Number: 1950

IATA Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S. *

IATA UN Class: 2.1

IATA Label: FLAMMABLE GAS

AFI PSN Code: ALR

AFI Symbols: *

AFI Prop. Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.

AFI Class: 2.1

AFI ID Number: UN1950

AFI Basic Pac Ref: A6.3

MMAC Code: NK

N.O.S. Shipping Name: NK

Additional Trans Data: NK

Disposal Data

Label Data