

SPARTAN CHEMICAL CO INC -- TNT TUB AND TILE CLEANER -- 7930-01-418-1492

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

Product ID:TNT TUB AND TILE CLEANER

MSDS Date:10/03/1994

FSC:7930

NIIN:01-418-1492

MSDS Number: CCLFN

=== Responsible Party ===

Company Name:SPARTAN CHEMICAL CO INC

Address:110 N WESTWOOD AVE

City:TOLEDO

State:OH

ZIP:43607-3340

Country:US

Info Phone Num:419-531-5551

Emergency Phone Num:419-53

1-5551

Preparer's Name:THOMAS J. MITCHELL

CAGE:23212

=== Contractor Identification ===

Company Name:SPARTAN CHEMICAL CO INC. IPG INDUSTRIAL PRODUCTS GROUP

Address:110 N WESTWOOD AVE

Box:City:TOLEDO

State:OH

ZIP:43607

Country:US

Phone:800-537-8990/419-531-5551

CAGE:23212

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

Ingred Name:2-BUTOXYETHANOL (SARA 313)

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 4.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:120 MG/M3

ACGIH TLV:NOT

EST.

Ingred Name:ISOBUTANE-COMPRESSED GAS

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 5.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT EST.

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

LD50 LC50 Mixture:NOT ESTABLISHED.

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

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

Health Hazards Acute and Chronic:MAY CAUSE SKIN & EYE IRRIT. AVOID

PROLONGED SKIN CONTACT & INHALATION OF VAPORS OR

MISTS.

BUTOXYETHANOL IS ABSORBED THROUGH THE SKIN, WHICH MAY AFFECT THE
LIVER, KIDNEYS, LYMPH & BLOOD SYSTEMS. INHAL : MAY IRRIT THROAT &
RESPIRATORY SYSTEM.

===== First Aid Measures =====

First Aid:EYE: IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH WATER FOR 15
MINUTES. REMOVE CONTACT LENSES. SKIN: IMMEDIATELY FLUSH WITH WATER
FOR 15 MINUTES.

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

Flash Point Method:TCC

F

Flash Point:PROPELLANT 54C/130F)

CONTAINER MAY VENT, RUPTURE OR BURST.

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

Spill Release Procedures:DILUTE WITH WATER AND FLUSH INTO SANITARY
SEWER SYSTEM.

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

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

Other Precautions:NONE

===== Exposure

Controls/Personal Protection =====

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
Supplemental Safety and Health
*12 TO 12.4.

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

Boiling Pt:B.P. Text:210 TO 212F
Vapor Pres:18M
MHG@75F
Spec Gravity:1.01
pH:*\nEvaporation Rate & Reference: