

Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product
Number:
or
Number
(as
it
appears
on
label):
**TOUGH
ON
GREASE
(PHOSPHATE
FREE)**

Product
Number:
2035
Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**
Medical Emergency: **1-(888)-314-6171 (24 hours)**
Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Cleaning compounds, liquid, n.o.s.	
NFPA Ratings:	HMIS Ratings:
Health: 1 - Slight	Health: 1 - Slight
Fire: 0 - Minimal	Fire: 0 - Minimal
Reactivity: 0 - Minimal	Reactivity: 0 - Minimal
	Pers. Prot. Equip.: B - Safety Glasses; gloves

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z-1 - A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Dipropylene glycol n-propyl ether		29911-27-1	Not Established	Not Established	Not Established	No
Sodium carbonate		497-19-8	Not Established	Not Established	Not Established	No
Tetrasodium ethylene diaminetetraacetate		64-02-8	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point:	212 °F	Vapor Pressure:	18 mm Hg @ 75°F
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	12.0±0.3	Specific Gravity (H ₂ O=1):	1.034
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	10-15
Physical State:	Liquid		
Appearance & Odor:	Clear, non-viscous, mild solvent odor		

MSDS Document for TOUGH ON GREASE (PHOSPHATE FREE)

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	None	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	N/A		
Special Fire Fighting Procedures:	N/A		
Unusual Fire & Explosive Hazards:	N/A		

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact
Effects of Overexposure- Conditions to Avoid:	May cause skin and eye irritation. Avoid prolonged skin contact and inhalation of vapors or mist.		
Conditions Aggravated by Use:	Unknown		

Emergency & First Aid Procedures:

Eyes:	In case of contact: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician.
Skin:	In case of skin contact flush well with water for at least 15 minutes.
Ingestion:	In swallowed; do NOT induce vomiting. Give large quantities of water. Contact a physician immediately.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Stong oxidizing agents
Hazardous Decomposition Products:	None known	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Flush with large amounts of water into sanitary sewer.
Waste Disposal Method:	Same as above

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Solvent resistant gloves
Eye Protection(Specify Type):	Safety glasses
Other Protective Equipment:	None

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SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Nothing special
Other Precautions:	None

Name: Ronald T. Cook Title: Manager, Regulatory Affairs

SCC
11/18/99

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ON
GREASE
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FREE)**

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