



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

M.O.A.C.

Product Number: 2945

Product Division:

IPG

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/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 1- Slight Fire: 1- Slight Reactivity: 0 - Minimal	Health: 1- Slight Fire: 1- Slight 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)	%Wt	CAS Registry No.	Table Z-1-A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Hydrotreated naphthenic oil	NA	64742-52-5	5 (Oil mist)	Not Established	Not Established	No
Hydrotreated naphthenic oil	NA	64742-53-6	5 (Oil mist)	Not Established	Not Established	No
Chlorinated paraffin	NA	63449-39-8	Not Established	Not Established	Not Established	No
Petroleum sulfonate	NA	68608-26-4	Not Established	Not Established	Not Established	No
Polymerized vegetable oil	NA	68918-91-2	Not Established	Not Established	Not Established	No
Tall oil fatty acids	NA	8002-26-4	Not Established	Not Established	Not Established	No
Diethylene glycol	NA	111-46-6	Not Established	Not Established	Not Established	No
Hexylene glycol	NA	107-41-5	Not Established	Not Established	121 (ACGIH)	No
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	-	4719-04-4	Not Established	Not Established	Not Established	No

Comment:

SECTION III: PHYSICAL DATA

Boiling Point: In excess of 300 °F	Vapor Pressure: Undetermined
Vapor Density (AIR = 1): Undetermined	Solubility in Water: Forms an emulsion
pH: 10-11 (10% emulsion)	Specific Gravity (H ₂ O=1): 1.023
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 85-90
Physical State: Liquid	
Appearance & Odor: Light brown oil	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: Greater than 230 °F	Method Used: ASTM-D56
Flammable Limits: Undetermined	Flame Extension: N/A
Extinguishing Media: Foam, dry chemical, CO ₂ , water fog or spray	
Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas. Avoid breathing vapor or fumes.	
Unusual Fire & Explosive Hazards: Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Conditions to Avoid: Undiluted product causes eye and skin irritation. Harmful if swallowed. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe lung inflammation and other injury. Inhalation of product mist may cause respiratory irritation. Avoid eye and skin contact with undiluted product. Do not swallow. Avoid inhalation of product vapor or mist.	
Conditions Aggravated by Use: Preexisting skin and respiratory disorders.	

Emergency & First Aid Procedures:

Eyes: Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
Skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Get medical attention immediately.
Inhalation: Move person to fresh air. Get medical attention if irritation persists.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: CO, CO2, sulfur oxides if burned	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Recover free liquid. Add oil absorbent material. Keep petroleum products out of sewers and waterways.
Waste Disposal Method: Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal site or facility.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required unless burned
Ventilation: Local exhaust: Follow ACGIH industrial ventilation recommendations. Mechanical: (Recommended) - Provide ventilation suitable for type of building structure and work area.
Protective Gloves(Specify Type): Oil resistant gloves recommend when handling undiluted concentrate. Protective gloves are recommend for individuals with sensitive skin.
Eye Protection(Specify Type): Splash goggles
Other Protective Equipment: None required

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Store in a cool dry place away from strong oxidizers, extreme heat and open flames. Keep containers sealed and stored upright when not in use. Empty containers may contain explosive residues. Do not cut, weld or expose such containers to heat, flames or other sources of ignition.
Other Precautions: Keep out of reach of children

© SCC 03/21/2001 Name: Ronald T. Cook Title: Manager, Regulatory Affairs
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