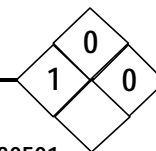




MADISON CHEMICAL CO., INC.

3141 Clifty Drive • Madison, IN 47250

MATERIAL SAFETY DATA SHEET



NAME:

DART 305

PRODUCT #

630501

1. PRODUCT AND COMPANY IDENTIFICATION

EMERGENCY RESPONSE INFORMATION:

Company Offices:	812-273-6000	Weekdays
CHEMTREC:	800-424-9300	24-Hour Service
Steven T. Hale:	812-265-2703	Evenings and Weekends
David R. Goodman, Jr.:	812-273-6213	Evenings and Weekends

PREPARED DATE:

03-12-01

PREPARED BY:

Marjorie E. Hare

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>SYNONYM</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Dipropylene glycol methyl ether	DPM	34590-94-8	3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear, off-white liquid with mild odor. May cause skin and eye irritation. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS:

EYES: Contacted areas may exhibit irritation.

SKIN: Contacted areas may exhibit irritation.

INGESTION: May be harmful if swallowed.

INHALATION: No hazard in normal industrial use.

CHRONIC EFFECTS / CARCINOGENICITY: This material contains no ingredient above de minimus concentrations known or suspected to cause cancer. Chronic overexposure to dipropylene glycol methyl ether has apparently been found to cause liver abnormalities and kidney damage in laboratory animals.

POTENTIAL ENVIRONMENTAL EFFECTS: This material contains no ingredient above de minimus concentrations known to persist in the environment.

4. FIRST AID MEASURES

EYES: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician.

SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

INHALATION: No specific treatment is necessary since the material is not likely to be hazardous by inhalation. If exposed to excessive levels of fume or dust, remove to fresh air and get medical attention if cough or other symptoms develop.

SIGNS AND SYMPTOMS OF EXPOSURE: Contacted areas may exhibit irritation.

PRIMARY ROUTE(S) OF ENTRY: Eyes, skin, mucous membranes.



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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: **FLASH POINT:** None prior to boiling (TOC, ASTM D1310).
FLAMMABLE LIMITS:
LEL: N.D.
UEL: N.D.

EXTINGUISHING MEDIA: As appropriate for surrounding fire.

FIRE FIGHTING INSTRUCTIONS: Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain liquid spills with sand and absorb on soda ash. Dispose with solid waste. See Waste Disposal Method. Flush remainder to drain with water.

7. HANDLING AND STORAGE

PRECAUTIONS: Normal for alkaline materials. Store away from acids. Store away from oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: As necessary to avoid inhalation and contact.

RESPIRATORY PROTECTION: Not needed for normal use.

SKIN PROTECTION: Nitrile rubber, neoprene gloves. Other equipment as required to avoid contact.

EYE PROTECTION: Safety eyewear to protect against unexpected splashes.

GENERAL HYGIENE CONSIDERATIONS: Eyewash facility and emergency shower should be in close proximity.

EXPOSURE GUIDELINES:

<u>CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Dipropylene glycol methyl ether	34590-94-8	100 ppm (skin)	100 ppm (skin)

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Clear, off-white liquid with mild odor.	SPECIFIC GRAVITY (WATER = 1):	1.03
BOILING POINT (°F.):	212	PERCENT VOLATILE BY VOLUME (%)	N.D.
VAPOR PRESSURE (mm Hg):	N.D.	EVAPORATION RATE (WATER = 1):	N.D.
VAPOR DENSITY (Air = 1):	N.D.	pH (100%):	12.2 – 12.6
SOLUBILITY IN WATER:	Complete.	pH (1% by volume):	10.7 – 11.1
FLASH POINT (Method used):	None prior to boiling (TOC, ASTM D1310).		
LEL:	N.D.		
UEL:	N.D.		

10. STABILITY AND REACTIVITY

STABILITY: Material is stable.

INCOMPATIBILITY (Materials to Avoid): Acids, strong oxidizing agents.

CONDITIONS TO AVOID: No data found.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

This material, as a whole, has not been tested. This material contains no ingredient above de minimus concentrations known or suspected to cause cancer. Chronic overexposure to dipropylene glycol methyl ether has apparently been found to cause liver abnormalities and kidney damage in laboratory animals.

N.A. = Not Available

N.D. = Not Determined

N.E. = None Established

N.R. = Not Relevant



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12. ECOLOGICAL INFORMATION

This material contains no hazardous air pollutants (HAPS). This material contains no ingredient above de minimus concentrations known to persist in the environment.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Normal for alkaline containing wastes. May require pH adjustment for neutralization. Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING DESCRIPTION: Compound, cleaning, NOI, liquid.
(This material is not a hazardous material under regulations of the US Department of Transportation.)

FREIGHT CLASS: 55

15. REGULATORY INFORMATION

TSCA STATUS: All ingredients are listed on the TSCA inventory.

CERCLA REPORTABLE QUANTITY: None established.

SARA 311 / 312 HAZARD CLASSES:

<input checked="" type="checkbox"/>	Acute Health	<input type="checkbox"/>	Chronic Health
<input type="checkbox"/>	Fire	<input type="checkbox"/>	Reactive
<input type="checkbox"/>	Sudden Release of Pressure		

SARA 312 INFORMATION: Storage of 10,000 pounds or more requires filing a Tier 2 form. This material is not an extremely hazardous substance (EHS). Threshold planning quantity is 10,000 pounds.

SARA 313 INFORMATION: This material contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>CHEMICAL NAME</u>	<u>CATEGORY CODE</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
None			

STATE REGULATORY INFORMATION:

CALIFORNIA (PROPOSITION 65): California has not identified the ingredients listed in Section 2 as known to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

MSDS STATUS: Revised 03-12-01.

PRECAUTIONARY LABELING: **WARNING!** May cause skin or eye irritation.
May be harmful if swallowed.
Contains dipropylene glycol methyl ether.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN