

TO: Fayette Tasby

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FROM: T. G. Grumbles

DATE: May 15, 1989

Interoffice
Communication

SUBJ: HEALTH HAZARDS OF DINP

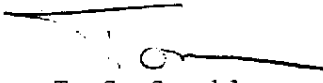
VISTA

I have reviewed the Exxon MSDS for Diisononyl Phthalate. This appears to be a thorough and complete description of the health hazards and is all of the information available to me at this time.

In summary, DINP made by Exxon is a non-hazardous material in regards to human exposure and waste disposal. Exxon's hazard determination indicates that it is non-hazardous as defined by criteria in the OSHA Hazard Communication Standard.

The product may cause slight irritation of the skin and eyes if contact occurs. If people are wiping wire or other "wetted surfaces" they should be instructed to wear gloves to prevent skin contact. If any possibility of eye contact exists safety glasses with side shields or chemical goggles should be worn.

Please let me know if this information is sufficient for purposes of your liability/recall determination. I've attached the Exxon MSDS.


T. G. Grumbles

dlj

Attachment

cc: HRF, MLN, FRW, WSH, RTM, CJM, SHH, JEI, WLM, RBB

VVV 000010536



MATERIAL SAFETY DATA SHEET

EXXON CHEMICAL AMERICAS • P.O. BOX 3272, HOUSTON, TEXAS 77001
A Division of EXXON CHEMICAL COMPANY, A Division of EXXON CORPORATION

06/09/88

NO. 5

SECTION I PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME

JAYFLEX DINP

CHEMICAL NAME

Diisononyl Phthalate

CAS 68515-48-0

CHEMICAL FAMILY

Phthalate Ester

PRODUCT APPEARANCE

Clear oily, colourless to light yellow liquid with a mild odor.

EMERGENCY TELEPHONE NUMBERS: EXXON CHEMICAL AMERICAS
CHEMTREC

713-870-6000
800-424-9300

SECTION II HAZARDOUS INGREDIENT INFORMATION

This product is not hazardous as defined in CFR1910.1200

SECTION III HEALTH INFORMATION AND PROTECTION

NATURE OF HAZARD

EYE CONTACT:

Slightly irritating but does not injure eye tissue.

SKIN CONTACT:

Low order of toxicity.

INHALATION:

Negligible hazard at ambient temperature (-18 to 38 Deg C; 0 to 100 Deg F)

INGESTION:

Minimal toxicity.

FIRST AID

EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT:

Flush with large amounts of water; use soap if available.

INHALATION:

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION:

First aid is normally not required.

ACUTE TOXICITY DATA IS AVAILABLE UPON REQUEST

WORKPLACE EXPOSURE LIMITS

No workplace exposure limits have been established for this product

PRECAUTIONS

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PERSONAL PROTECTION

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.

Where contact may occur, wear safety glasses with side shields.

o Natural rubber, butyl rubber and vinyl are not suitable protective materials; neoprene is recommended.

Where overexposure by inhalation may occur and engineering, work

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Justice or other means of exposure reduction are not adequate, approved respirators may be necessary.

VENTILATION

Maintain ambient concentrations below recommended exposure limits.

SECTION IV FIRE & EXPLOSION HAZARD**FLASHPOINT:** 415 DEG F METHOD: PMCC**FLAMMABLE LIMITS:** NOTE: Not Available**AUTOIGNITION TEMPERATURE:** Greater Than 500 DEG F**GENERAL HAZARD**

Low Hazard, liquid can burn upon heating to temperatures at or above the flashpoint.

Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge.

"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

FIRE FIGHTING

Use water spray to cool fire exposed surfaces and to protect personnel.

Isolate "fuel" supply from fire.

Use foam, dry chemical, or water spray to extinguish fire.

Avoid spraying water directly into storage containers due to danger of boilover.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

No unusual

SECTION V SPILL CONTROL PROCEDURE**LAND SPILL**

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is an EPA hazardous substance (See Section X, Page 4) notify the U.S. EPA if appropriate.

Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth.

Recover by pumping or with a suitable absorbent.

If liquid is too viscous for pumping, scrape up.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

WATER SPILL

Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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SECTION VI NOTES

HAZARD RATING INFORMATION

	NPCA/HMIS	NFPA	Key
Health	1	1	4=Severe
Flammability	1	1	3=Serious
Reactivity	0	0	2=Moderate
			1=Slight
			0=Minimal

SECTION VII REGULATORY INFORMATION

TSCA:

This product is listed on the TSCA Inventory at CAS Registry Number: 68515-48-0

CERCLA:

Under the Comprehensive Response, Compensation, and Liability Act, (CERCLA), certain releases to air, land, or water may be reportable to the National Response Center at 800-424-8802. Circumstances surrounding the release and cleanup determine reportability.

This product is not subject to CERCLA reporting requirements.

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:
Not Hazardous.

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SECTION VIII TYPICAL PHYSICAL & CHEMICAL PROPERTIES

GRAVITY .97 at 68/68	REF. TEMP., °F	VAPOR PRESSURE, mmHg at °F Less than 0.008 at 100 0.503 at 392
SOLUBILITY IN WATER, WT. % at °F Insoluble		VISCOSITY OF LIQUID, cSt at °F 102 at 68
DENSITY OF VAPOR, at 1 ATM AIR=1 Greater than 10		FREEZING MELTING POINT/RANGE, °F -54.4 Pour point
EVAPORATION RATE, n-BU ACETATE=1 Less than 0.05		BOILING POINT/RANGE, °F 485.6 @ 0.66 kPa (@ 5 mmHg)

SECTION IX REACTIVITY DATA

STABILITY? Stable	HAZARDOUS POLYMERIZATION OCCUR? Will not occur
CONDITIONS TO AVOID INSTABILITY Not Applicable	CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION Not Applicable

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY

Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

None

SECTION X TRANSPORT AND STORAGE

U.S. DOT CLASSIFICATION Not regulated	UN NUMBER
ELECTROSTATIC ACCUMULATION HAZARD Yes, use proper grounding procedure	
STORAGE TEMPERATURE, °F Ambient	LOADING/UNLOADING TEMPERATURE, °F Ambient
STORAGE/TRANSPORT PRESSURE, mmHg Atmospheric	VISCOSITY AT LOADING/UNLOADING TEMPERATURE, cSt 102

SECTION XI OTHER INFORMATION

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REFERENCE NUMBER HDHA-F-00011	DATE PREPARED JUNE 16, 1988	SUPERCEDES ISSUE DATE JUNE 9, 1988
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FOR ADDITIONAL PRODUCT INFORMATION CONTACT YOUR TECHNICAL SALES REPRESENTATIVE
FOR ADDITIONAL HEALTH/SAFETY INFORMATION CALL 713-870-8885

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Thomas & Betts DINP Contamination

To accomplish this, the following action items must be completed:

<u>Responsibility</u>	<u>Action</u>
WSH	Determine end use application for Visalia produced compound (i.e. Cable internal/external to computer; PC/Mainframe computers, etc.).
WSH	Document all communication with T&B on contaminated material including recommendation to recall.
SHH	Develop worst case failure scenario (i.e. fire potential; life span of contaminated cable, etc.).
TGG	Determine if subject compound can be considered a health hazard. If so, to what extent?

All of these items need immediate attention so that we can proceed with our risk assessment. Thanks for your assistance.


F. L. Tasby

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Distribution: HRF, MLN, FRW, WSH, RTM, CJM, SHH, JEI, TGG, WLM, RBB

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