

~~JH:~~ ~~JEL:~~ ~~TCG:~~ (RF)
XF: NONE

February 8, 1985

VISTA

Mr. Lee Freeland
8670 Shanahan
Beaumont, TX 77706

Dear Lee:

As a follow-up to our conversation of several weeks ago, after being transferred four times, I got someone that agreed to send me a MSDS on HALON 1301. A copy is enclosed. I thought you'd be interested in this sheet. Look at the bottom of the sheet on both sides. Something seems to have gotten lost!

In particular, on the back page just when things are getting interesting concerning exposure the statement ends. I wonder what the rest of the sentence was?

Also, as long as I'm being picky, under respiratory protection, what is an "air mask"?

Sincerely,


Thomas G. Grumbles, CIH
Director, Industrial Hygiene
& Product Safety

ajo/006

Enclosure

VVV 000016001

U.S. DEPARTMENT OF LABOR
Occupational Safety & Health Administration
MATERIAL SAFETY DATA SHEET

SECTION I	
MANUFACTURER'S NAME E. I. DU PONT DE NEMOURS & COMPANY	EMERGENCY TELEPHONE NO. (302) 774-2421
ADDRESS (Number, Street, City, State, and ZIP Code) Freon® Products Division, Wilmington, Delaware 19898	
CHEMICAL NAME AND SYNONYMS Bromotrifluoromethane	TRADE NAME AND SYNONYMS Freon® 13B1; Halon 1301
CHEMICAL FAMILY Halogenated Hydrocarbon	FORMULA CBrF ₃

SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III PHYSICAL DATA			
BOILING POINT (°F.)	-71.95	SPECIFIC GRAVITY (H ₂ O = 1) at 77°F g/ml	1.538
VAPOR PRESSURE (mm Hg) at 77°F	12,152	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR = 1)	5.14	EVAPORATION RATE (AIR = 1)	Rapid
SOLUBILITY IN WATER at 77°F - wt. %	0.03		
APPEARANCE AND ODOR Colorless liquid - slight ethereal odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) Nonflammable	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
VVV 000016002			

NOTICE FROM DU PONT

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not

JJH: ~~JEL~~: FGG: (RF)
XF: Customer Response

TO: File

FROM: Tom Grumbles
DATE: February 8, 1985

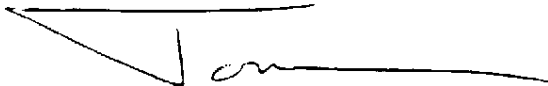
Interoffice
Communication

SUBJ: ASSOCIATED CHEMISTS FOLLOW-UP OF MEMO ON JANUARY 30

VISTA

The sample sent from Associated was analyzed at the LCCP. It was found that there was 1.7 - 2% light alcohols, including approximately 1% octanol in the sample indicating that the last shipment to Associated may have been contaminated. The symptoms described to me could be consistent with exposure to octanol.

I spoke to Doug Smalley yesterday to assure he was aware of these results. I told him I felt this contamination was a significant enough difference in product to have caused his alleged health problems and that no known long-term health effects should result from the short-term exposures that occurred in his plant.



Thomas G. Grumbles

ajo/006

VVV 000016003