

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1287

MATERIAL SAFETY DATA SHEET

DATA #
30264

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

H HEALTH

F FLAMMABILITY

R REACTIVITY

A PERSONAL PROTECTION

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SECTION I

MANUFACTURER'S NAME Applied Research		EMERGENCY TELEPHONE NO. (305) 432-3500
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 9239, Hollywood FL 33024		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Bolt Buster N.F.	
CHEMICAL FAMILY Oxygenated Hydrocarbon	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unrel)	ALLOYS AND METALLIC COATINGS	%	TLV (Unrel)
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 (Unrel)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	117.6	SPECIFIC GRAVITY (H ₂ O=1) ; 77°F	1.57
VAPOR PRESSURE (mm Hg.)	77°F	334	PERCENT VOLATILE BY VOLUME (%) 100
VAPOR DENSITY (AIR=1)	77°F	2.9	EVAPORATION RATE (CCl ₄ = 1) 0.3
SOLUBILITY IN WATER	77°F by wt.	0.02	
APPEARANCE AND ODOR	Colorless liquid, slight ethereal odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS not applicable	LM	UM
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

(Continued on reverse side)

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SECTION V · HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 350 ppm for major ingredient (1,1,1 trichloroethane)

EFFECTS OF OVEREXPOSURE
The primary skin irritation test yielded a score of 1.4 based on a scale of 8.

EMERGENCY AND FIRST AID PROCEDURES
Skin Contact: Wash with water

Eye Contact: Wash with water for 15 minutes - call physician

SECTION VI · REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII · SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Soak up spill with "Oil Dri" or similar product and dispose according to pertinent local, state, and federal regulations.

WASTE DISPOSAL METHOD

SECTION VIII · SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST Fans	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES If prolonged contact is anticipated EYE PROTECTION Safety glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX · SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store above 125°F

OTHER PRECAUTIONS