

MSDS

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: 157021

IDENTITY: MID AMER MULTIPURPOSE+20A

Revision Date: 12/13/2007

Section I

Manufacturer's Name: MID-AMERICAN RESEARCH CHEM.***
Address: P.O. BOX 927

COLUMBUS

State: NE Zip Code: 686020927

Telephone Numbers:
Emergency:
800/255-3924
Information:
402/564-7104

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 1 HEALTH: 1 PERSONAL PROTECT: A

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
2-BUTOXY ETHANOL *	111-76-2	25 PPM	20 PPM	N/A	—
ETHYL ALCOHOL	64-17-5	1000 PPM	1000 PPM	N/A	—
PROPANE/N-BUTANE	68476-86-8	1000 PPM	600 PPM	N/A	—

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (water=1)	0.97
Vapor Pressure(mm Hg)	102	Melting Point:	N/A
Vapor Density(AIR=1)	N/D	Evaporation Rate:	<1
Solubility in Water:	100%	(Butyl Acetate=1)	
Appearance and Odor:	WHITE FOAM, GLASS CLEANER ODOR		

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): NONE Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS WHEN INDICATED

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE.
EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING

MSDS

Section V: REACTIVITY DATA

PRODUCT NUMBER: 157021

Stability: Unstable: Conditions to avoid:
Stable: X TEMPERATURES ABOVE 120 F
Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition or Byproducts: OXIDES OF CARBON

Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards(Acute and Chronic):
INHALATION: EXCESSIVE INHALATION MAY CAUSE SLIGHT DIZZINESS. EYES: IRRITA-
TION AND REDDENING. SKIN: SLIGHT IRRITATION. INGESTION: MAY CAUSE NAUSEA,
VOMITING.
Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR. EYES:
FLUSH WITH RUNNING WATER FOR 15 MINUTES. SKIN: WASH COMPLETELY WITH RUN-
NING WATER. IF IRRITATION PERSISTS, CONSULT PHYSICIAN. INGESTION: INDUCE
VOMITING- SEE PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH RAG
OR USE AN ABSORBENT CLAY MATERIAL OR TOWEL. DISPOSE OF IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL GUIDELINES

Waste Disposal Method: DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT
REUSE EMPTY CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT USE OR STORE NEAR
HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE
BURSTING.

Other Precautions: NONE

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A
Ventilation: Local Exhaust:N/A
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves:N/A
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
N/A
Work/Hygienic Practices:
WASH HANDS THOROUGHLY AFTER USE.