



SAFETY DATA SHEET

Product: MARC 155 EDGE RUNNER BASEBOARD CLEANER
Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 155 EDGE RUNNER BASEBOARD CLEANER

SDS DATE: 2/04/14

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P. O. Box 927 Columbus, NE 68602-0927
PHONE: 402-564-7104 FAX: 402-563-1290
EMERGENCY PHONE: InfoTrac 1-800-535-5053
E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Cleaner. Removes all waxes, finishes from baseboards, floors, corners, edges, etc.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Eyes, Skin (irritant).

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: CAUTION: KEEP OUT OF REACH OF CHILDREN! May cause eye irritation. Contents under pressure.

EMERGENCY OVERVIEW: Aerosol under pressure. Do not expose to temperatures above 100°F or store in direct sunlight. May develop pressure and cause can to burst.

ROUTES OF ENTRY: Skin, Eyes, Ingestion.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	TLV
2-Butoxy Ethanol	111-76-2	15 ppm
Propane/N-Butane	68476-86-8	1000ppm

SECTION 4: FIRST AID MEASURES

EYES: Immediately hold eyelids open and flush with water for at least 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Seek immediate medical attention if irritation persists.

SKIN: Immediately take off contaminated clothing and shoes. Wash skin with soap and water for 15 – 20 minutes. Seek immediate medical attention if irritation persists. Wash contaminated clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt. 2-4 glasses) of citrus juices, vinegar, or water. Seek immediate medical attention.

INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness, call a Poison Control Center or doctor for further treatment advice. Have a product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 100°F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Acrid smoke, oxides of carbon.



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Form R04132

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: **SPILL:** **Large quantities:** Should be picked up with oil dry or equivalent.
Small quantities: May be flushed to the sewer with large quantities of water.

PROTECTIVE EQUIPMENT: Use personal protective devices as stated in Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Same as EMERGENCY PROCEDURES.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING AND STORAGE: Store in a cool, dry area. Keep away from temperatures above 100°F or below freezing.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!!** Follow label directions exactly. Avoid contact with eyes, skin or clothing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>
2-Butoxethanol	111-76-2	15 ppm
Propane/N-Butane	68476-86-8	1000ppm

ENGINEERING CONTROLS:

MECHANICAL: N/A

OTHER: N/A

VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

EYE PROTECTION: Safety glasses are always recommended when using chemicals.

SKIN PROTECTION/PROTECTIVE GLOVES: Impervious gloves such as neoprene or solvex can be used.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-	
PHYSICAL STATE/COLOR:	White foam. Aerosol Spray
ODOR:	Ammonia odor.
pH:	N/A
SOLUBILITY IN WATER:	100%
SPECIFIC GRAVITY:	0.99 @ 77°F (25° C)
MELTING POINT:	Not tested.
FREEZING POINT:	Not tested.
BOILING POINT:	212° F (100° C)
FLASH POINT:	Not tested.
EVAPORATION RATE:	>1
FLAMMABILITY LIMITS IN AIR:	UPPER: N/A LOWER: N/A
VAPOR PRESSURE (mmHg):	17.5 @ 77°F (25° C)



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VAPOR DENSITY (AIR = 1): >1 @ 77°F (25° C)
PARTITION COEFFICIENT,
n-OCTANOL/WATER: N/A
VOLATILE ORGANIC COMPOUNDS (VOC): N/A
AUTO-IGNITION TEMPERATURE: N/A

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None

STABILITY: Stable

CONDITIONS TO AVOID: Do not mix with strong acids.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

EMERGENCY OVERVIEW: Aerosol under pressure. Do not expose to temperatures above 100°F or store in direct sunlight. May develop pressure and cause can to burst.

TOXICOLOGICAL INFORMATION: 2-Butoxy Ethanol - 111-76-2; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450 ppm/4H, 2.21 mg/L 4hr, rat; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

ROUTES OF ENTRY: Eyes, ingestion, skin.

EYES: Causes mild irritation.

SKIN: Brief contact is not irritating. May cause irritation, dryness, redness localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.

INGESTION: Nausea, diarrhea, vomiting, depending on the amount ingested.

INHALATION: No hazards with normal use.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

TOXICITY TO ANIMALS: Has shown teratogenic effects in laboratory animals.

SECTION 12: ECOLOGICAL INFORMATION

2-Butoxy Ethanol - 111-76-2 - LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.



SAFETY DATA SHEET

Product: MARC 155 EDGE RUNNER BASEBOARD CLEANER
Form R04132

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZES(S):	AEROSOL 18 OZ.
PROPER SHIPPING NAME:	CLEANING COMPOUND
HAZARD CLASS:	LIMITED QUANTITY , ORM-D
ID NUMBER:	N/A
PACKING GROUP:	N/A
LABEL STATEMENT:	N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT STATUS): All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None.

SARA 313 REPORTABLE INGREDIENTS: None.

CLEAN WATER ACT: None

STATE REGULATIONS: California's Proposition 65: None

INTERNATIONAL REGULATIONS:

2-Butoxy Ethanol - 111-76-2, Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 2
Flammability = 1
Reactivity = 1
Other = -
Protection = B

REVISION DATE: 2/04/14

DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.