

**BLAST ALL PURPOSE
CLEANER
PRODUCT CODE: CAR-101
SAFETY DATA SHEET**



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLAST ALL PURPOSE CLEANER
PRODUCT NO: CAR-101
DATE PREPARED: May 12, 2015
RECOMMENDED USE: Automotive Care Products
COMPANY: C.A.R. Products, Inc.
630 Beaulieu St.
Holyoke, MA 01040
USA
(413) 536-9900

EMERGENCY TELEPHONE NUMBER: C.A.R. Products, Inc. – 413-536-9900
CHEMTREC – 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION

| | |
|-----------------------------------|-------------|
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2A |

Warning

Causes serious eye damage. Causes skin irritation. Harmful if swallowed or inhaled.

Wear protective gloves and eye protection. Wash thoroughly after handling. Do not eat drink or smoke when using this product. Avoid breathing spray. Use only outdoors or in a well-ventilated area.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If on skin: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs, get medical attention.

If swallowed: Rinse mouth. Call a doctor if you feel unwell.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

Dispose of contents/container in accordance with local/state/federal regulations.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | CAS # | WEIGHT % |
|--------------------------------|------------|----------|
| Sodium Metasilicate | 6834-92-0 | 1-5* |
| Sodium Hydroxide | 1310-73-2 | 1-3* |
| Sodium Dodecylbenzenesulfonate | 25155-30-0 | 1-5* |
| 2-Butoxyethanol | 111-76-2 | 1-5* |

*Identity of this ingredient is a trade secret

**Exact percentage of this ingredient is a trade secret

SECTION 4: FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If on skin: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs, get medical attention.

If swallowed: Rinse mouth. Call a doctor if you feel unwell.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, dry chemical, carbon dioxide or "alcohol" foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear as a general precaution.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use personal protective equipment; see Section 8.

Keep product from entering storm sewers and ditches that may lead to waterways.

Stop spill at source; dike and contain large spills and transfer to recovery container. Use absorbent for small spills and containerize.

See Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

Handle according to good manufacturing and warehousing practices. Avoid contact with eyes, skin and clothing.

Store indoors between 40F/4C and 100F/38C

Use product only for intended use. Follow label directions.
Wash hands after handling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| INGREDIENT | CAS # | OSHA PEL (ppm or *mg.M ³) +=skin, c=ceiling | ACGIH TLV (ppm or *mg.M ³) +=skin, c=ceiling |
|-------------------|--------------|--|---|
| 2-Butoxyethanol | 111-76-2 | 25+ | 25+ |

EYES: Wear eye protection (i.e. chemical safety glasses with side shields or goggles). Contact lenses should not be worn.

SKIN: Chemical resistant clothing (i.e. gloves) is recommended.

RESPIRATORY PROTECTION: Not expected to be needed. Where over-exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

VENTILATION: Local exhaust or general room ventilation is normally adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash station is recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid, Green
ODOR: Fresh Fragrance
ODOR THRESHOLD: NA
pH: 11.84
MELTING/FREEZING POINT: Approx. 32F/0C
BOILING POINT: APPROX 212F/100C
BOILING RANGE: NA
FLASH POINT (CC): >212F/100C
EVAPORATION RATE: Approx. that of water
FLAMMABILITY: Not flammable nor combustible
UPPER/LOWER FLAMMABILITY LIMITS: NA
UPPER/LOWER EXPLOSIVE LIMITS: NA
VAPOR PRESSURE: NA
VAPOR DENSITY: NA
RELATIVE DENSITY: 8.5 LB/GAL
SOLUBILITY: Soluble in Water
PARTITION COEFFICIENT: N-OCTANOL/WATER: NA
AUTO-IGNITION TEMPERATURE: NA
DECOMPOSITION TEMPERATURE: NA
VISCOSITY: Water thin

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable
CHEMICAL STABILITY: Stable
POSSIBILITY OF HAZARDOUS REACTIONS: Low.
INCOMPATIBLE MATERIALS: Avoid oxidizers and reducers.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other gases.

SECTION 11: TOXICOLOGICAL INFORMATION

ACGIH classifies 2-butoxyethanol as a Group 3, confirmed animal carcinogen with unknown relevance to humans.
IARC classifies 2-butoxyethanol as a Group 3 carcinogen, not classifiable as to its carcinogenicity to humans.
This product contains no other ingredients at or about 0.1% that are listed by NTP, IARC, or OSHA as carcinogens.

Overexposure to 2-butoxyethanol in laboratory animals may cause mild, reversible liver and spleen effects and blood abnormalities. Exposure to 2-butoxyethanol in laboratory animals causes harm to the fetus only at exposure levels that harm the pregnant animal. The relevance of these findings is uncertain to humans.

MAMMALIAN TOXICITY INFORMATION:

| MATERIAL | CAS# | EINECS# | LOWEST KNOWN LETHAL DOSE DATA |
|-----------------------------|----------|---------|---|
| Ethylene Glycol Butyl Ether | 111-76-2 | - | LOWEST KNOWN LD50 (ORAL) 320.0 mg/kg (Rabbits) |
| Ethylene Glycol Butyl Ether | 111-76-2 | - | LOWEST KNOWN LC50 (VAPORS) 700 ppm (Mice) |
| Ethylene Glycol Butyl Ether | 111-76-2 | - | LOWEST KNOWN LD50 (SKIN) 440.0 mg/kg (Rabbits) |

SECTION 12: ECOLOGICAL INFORMATION

Ecological data for this chemical mixture is not available.

AQUATIC ANIMAL INFORMATION:

The most sensitive known aquatic group to any component of this product is:
Tidewater Silversides 1250 ppm or mg/L (96 hour exposure).
Keep out of sewers and natural water supplies.
The substance may be hazardous in the environment.
Special attention should be given to water organisms.

MOBILITY IN SOIL:

This material is a mobile liquid.

DEGRADABILITY:
This product is completely biodegradable.

ACCUMULATION:
Bioaccumulation of this product has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

| Regulatory information | UN number | Proper shipping name | Class | Packing group | Label | Additional information |
|------------------------|-----------|----------------------|-------|---------------|-------|------------------------|
| DOT | NA | NOT REGULATED | NA | NA | - | - |

SECTION 15: REGULATORY INFORMATION

RTK Ingredients: Water (7732-18-5), Sodium Metasilicate (6834-92-0), Sodium Hydroxide (1310-73-2), Sodium Dodecylbenzenesulfonate (25155-30-0), 2-Butoxyethanol (111-76-2)

SECTION 16: OTHER INFORMATION

NFPA 704

HAZARD RATING

4=Severe H=Health H=1
3=Serious F=Fire F=0
2=Moderate R=Reactivity R=0
1=Slight
0=Minimal

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