

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GLASS CLEANER CONCENTRATE
 PRODUCT NO: S-55
 RECOMMENDED USE: Automotive Glass Cleaner

COMPANY: Appearance Materials Inc
 58 Westbrook Industrial Park
 Westbrook, CT 06498
 USA
 860-399-6275

EMERGENCY TELEPHONE NUMBER: Appearance Materials
 860-399-6275
 CHEMTREC . 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Warning

Causes serious eye irritation. Causes skin irritation. Harmful if swallowed or inhaled. Flammable liquid and vapor.

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. Keep away from heat and flames. Keep container tightly closed. Use explosion proof equipment.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

If on skin: Take off immediately all 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.

In case of fire: Use dry chemical, water fog or carbon dioxide extinguisher.

Store in a well-ventilated place. Keep cool.

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

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS #	WEIGHT %
Isopropanol	67-63-0	5-15**
2-Butoxyethanol	111-76-2	5-15**

*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. If eye irritation persists, get medical attention.

If on skin: Take off immediately all 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
Isopropanol	67-63-0	400	400
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: Blue liquid

ODOR: Solvent odor

ODOR THRESHOLD: NA

pH: 7-10

MELTING/FREEZING POINT: Approx. 25F/-4C

BOILING POINT: APPROX 200F/93C

BOILING RANGE: NA

FLASH POINT (CC): 130F/55C

EVAPORATION RATE: Approx. that of water

FLAMMABILITY: Flammable

UPPER/LOWER FLAMMABILITY LIMITS: NA

UPPER/LOWER EXPLOSIVE LIMITS: 12.7%/2% (Isopropanol)

VAPOR PRESSURE: NA

VAPOR DENSITY: 2 (Air = 1)

RELATIVE DENSITY: 8.1 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 confirmed animal carcinogen with unknown relevance to humans; Group A3. This product contains no other ingredients at or about 0.1% that are listed by NTP, IARC, or OSHA as carcinogens.

SECTION 12: ECOLOGICAL INFORMATION

Ecological data for this chemical mixture is not available.

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	UN1993	Flammable Liquid, NOS (isopropyl alcohol, ethylene glycol monobutyl ether)	3	PGII	-	-

SECTION 15: REGULATORY INFORMATION

RTK Ingredients : Water (7732-18-5), Isopropanol (67-63-0), 2-Butoxyethanol(111-76-2)

SECTION 16: OTHER INFORMATION

NFPA 704
HAZARD RATING
4=Severe H=1
3=Serious F=2
2=Moderate R=0
1=Slight
0=Minimal

Prepared: November 4, 2015

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