

E-94 PLASTIC CLEANER

Product: 202.003

Revision date: 2016/07/14

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: E-94 PLASTIC CLEANER.

Synonyms: None

Chemical family: Not available.

Product uses: Degreaser.

Recommended restrictions on use: For use in industrial installations or professional treatment only.

Supplier: CarWorx Distribution Inc.
3800 Transcanada Hwy
Pointe-Claire, Quebec, Canada
H9R 1B1.

Manufacturer emergency phone number: Canutec 613-996-6666.

Information phone number: 514-745-5959 (1-877-745-5959).

Section 2: HAZARD IDENTIFICATION

GHS Classification

Health Hazard Class(es): Serious eye damage/eye irritation, category 2A Irritant.
Specific target organ toxicity following single exposure, category 3.

Physical Hazard Class(es): Flammable liquid, category 2.

Environmental Hazard Class(es): No environmental hazard class.

EU Risks: R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

EU Safety: S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition - No smoking.
S23: Do not breathe gas/fumes/vapour/spray.
S51: Use only in well-ventilated areas.
S43: In case of fire, use polyvalent powder ABC.

GHS Label Elements

Symbol:



Signal word: WARNING.

Hazard statement(s): H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statement(s): P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national regulations.
P370 + P378 In case of fire: Use ABC powder.

Other hazard(s): Not applicable.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
67-63-0	50-<100	2-PROPANOL	200-661-7

Section 4: FIRST AID MEASURES

Skin contact: Remove contaminated clothing and shoes.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes.
Check for and remove contact lenses.
Obtain emergency medical attention.
Do not rub or keep eyes closed.

Inhalation: Remove victim to fresh air.
Keep person warm and at rest.
If irritation occurs, consult a physician.

Ingestion: Obtain immediate medical attention.
Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Foam
Carbon dioxide.
ABC powder.
Polyvalent powder.
Do not use tap water.

Conditions of flammability: Heat, sparks and open flames.

Special procedures: Firefighters should wear adequate protective gear.
Positive pressure self-contained breathing apparatus required and full protection to prevent skin contact.
In case of fire, refrigerate the storage containers.
Destroy any source of ignition.
Avoid spillage of the products used to extinguish the fire into an aqueous medium.

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Rate of burning: Not available.

Hazardous combustion products: Reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of heat and ignition.
Absorb with inert material.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Ground handling equipment.
Do not use combustible materials such as sawdust.
Place in appropriate container for disposal.
Prevent the formation of vapor/air mixtures.

Section 7: HANDLING AND STORAGE

Handling procedures: Maintain a good personal hygiene.
Use adequate ventilation.
Keep container hermetically closed when not in use.
Wash thoroughly after using, particularly before eating or smoking.
Equipment must be grounded to prevent static sparks.
Do not eat, drink or smoke in handling area.
Use care to avoid spills.
Avoid leakages from the container.
Have absorbent material available near product.
Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection.

Storage procedures: Keep away from heat, sparks, and open flames.
Avoid static electricity - ground containers when transferring product.
Store away from food.
Keep away from radiation sources.
Minimum Temp: 5°C.
Maximum Temp: 30°C.
Maximum time: 24 months.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: Wear appropriate gloves.
Replace gloves in case of any sign of damage.
Do not use protective creams after contact.

Respiratory/Type: Filter mask for gases, vapours and particulates.
Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.

Eye/Type: Face shield.
Clean daily and disinfect periodically according to the manufacturer's instructions.

Footwear/Type: Safety shoes per local regulations.
Antistatic footwear.
Wear heat protective boots.

Clothing/Type: Antistatic clothing.
Fire resistant clothing.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Local exhaust and/or general ventilation.
To maintain exposure below TLV.

Exposure limit of material: Not available for mixture, see the ingredients section.

Ingredients:

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
67-63-0	2-PROPANOL	200 PPM	400 PPM/8H	NOT AVAILABLE	400 PPM	500 PPM	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.
@ 20°C.

Appearance & odor: Alcohol odour.
Colourless.
Fluid

Odor threshold (ppm): Not available.

pH: Not applicable.

Melting point (°C): Not applicable.

Initial boiling point/Boiling range At atmospheric pressure.
(°C): 82°C.

Freezing point (°C): Not applicable.

Flash point (°C), method: 18°C (64°F).

Auto-ignition temperature (°C): 399°C.

Explosive power: Not available.

Lower explosive limit: Not available.

Upper explosive limit: Not available.

Vapour pressure (mmHg): 5101 Pa @ 20°C
25622 Pa (26 kPa) @ 50°C.

By weight: Not available.

Specific gravity @ 20 °C: Not available.

Density: @ 20°C.
785-795 kg/m³.

Relative density: @ 20°C.
0.785-0.795.

Vapour density (air=1): Not applicable.
@ 20°C.

Evaporation rate Not applicable.
(butyl acetate = 1): @ 20°C.

Solubility in water (%): Not applicable.
@ 20°C (68°F).

Coefficient of water\oil dist.: Not applicable.
@ 20°C.

Dynamic viscosity @ 20°C: 2.3 cP.

Kinematic viscosity @ 20°C: 2.92 cSt.

Kinematic viscosity @ 40°C: Not available.

VOC: 790 g/l.

Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

- Chemical stability:** Product is stable under normal handling and storage conditions.
- Conditions of instability:** Direct sunlight.
Contact with combustible material.
- Hazardous polymerization:** Not available.
- Incompatible substances:** Not available.
- Hazardous products of decomposition:** Organic compounds.
Carbon monoxide.
Carbon dioxide.
Depending on the decomposition conditions, complex mixtures of chemical substances can be released.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

- Route of entry:** Skin contact, eye contact, inhalation and ingestion.
- Eye contact:** Causes eye damage.
- Skin contact:** Does not contain substances classified as dangerous.
- Skin absorption:** Not available.
- Inhalation:** Does not contain substances classified as dangerous.
- Ingestion:** Does not contain substances classified as dangerous.
- Effects of chronic exposure:** May cause nausea, headache and dizziness.
May affect the central nervous system.
May cause vomiting and incoordination.
May cause drying and cracking of skin.
- Sensitization to product:** Not a sensitizer.
- Carcinogenic effects:** Not listed as a carcinogen.
- Reproductive effects:** None known.
- Teratogenicity:** Not available.
- Mutagenicity:** None known.
- Synergistic materials:** Not available.
- LD50 of product, species & route:** Not available for mixture, see the ingredients section.
- LC50 of product, species & route:** Not available for mixture, see the ingredients section.

Ingredients:

C.A.S.	Ingredient Name	LD/50	LC/50
67-63-0	2-PROPANOL	5000 MG/KG RAT ORAL 3600 MG/KG MOUSE ORAL 6410 MG/KG RABBIT ORAL 12.800 MG/KG RABBIT DERMAL	53,000 MG/M3 MOUSE INHALATION 72,600 MG/M3 RAT INHALATION 16,000 PPM/8H RAT INHALATION

Section 12: ECOLOGICAL INFORMATION

- Environmental fate:** No data at this time.
- Environmental toxicity:** No data at this time.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: Do not dispose down the drain.
Type of waste (Regulation (EU) No 1357/2014):
HP3 Flammable, HP4 Irritant - skin irritation and eye damage, HP5 Specific Target Organ
Toxicity (STOT)/Aspiration Toxicity.

Section 14: TRANSPORT INFORMATION

TDG classification: PAINT RELATED MATERIAL
UN1263
Class 3
PG II.

DOT: PAINT RELATED MATERIAL
UN1263
Class 3
PG II.

ICAO/IATA: PAINT RELATED MATERIAL
UN1263
Class 3
PG II
Label: Flammable.

IMDG: PAINT RELATED MATERIAL
UN1263
Class 3
PG II.
Limited quantities: 5 L.

Special instructions: Limited Quantity.
5 L

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: The substance(s) listed in the ingredients section appear on the Domestic Substances List.

CERCLA reportable quantity: Not available.

TSCA inventory: All components of this product are listed on the TSCA inventory.

SARA Section 313: Not available.

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: Yes.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

Reactive: No.

CA Proposition 65: Not available.

Health Hazard: 2

Flammability: 3

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 3

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

Data prepared by: Conform-Action Data Systems
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