

Safety Data Sheet

Issue date: 03/16/2022

v 6

Last Revision Date: 03/15/2022

1 Identification· **Product identifier**· **Trade name: MiST Auto Remarketing Ultrasonic Cleaning Solution**· **Part number:** 98005184, 590260· **Application of the substance / the mixture** Deodorizer for automobile air conditioning system· **Details of the supplier of the safety data sheet**

CPS Product Inc. - USA

1010 East 31st Street

Hialeah, FL 33013 USA

Phone: (305) 687 - 4121

Email: cs@cpsproducts.com

· **Manufacturer/Supplier:**

CPS Product Inc - USA

1010 East 31st Street

Hialeah, FL 33013 USA

Contact Phone: (305) 687-4121

· **email of person responsible:** cs@cpsproducts.com· **Emergency telephone number:**

CHEMTREC International +1 (703) 527-3887 (outside the US), 1-800-424-9300 (in the US) 24 hr

2 Hazard(s) identification· **Classification of the substance or mixture**

Flammable Liquids 3 H226 Flammable liquid and vapor.

· **Additional information:** L.2 Sustained Combustibility Test in this product is negative· **Label elements**· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**· **Signal word** Warning· **Hazard statements**

Flammable liquid and vapor.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground container and receiving equipment.

Use explosion-proof electrical equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use CO2, powder or water spray to extinguish.

Store in a well-ventilated place. Keep cool.

Dispose of contents in accordance with local regulations.

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· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 1
Fire = 2
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 1
Fire = 2
Reactivity = 0

· **Other hazards**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients· **Chemical characterization: Mixtures**· **Chemical components:**

57-55-6	Propylene glycol	2.5-10%
67-63-0	propan-2-ol	≤3.0%
85409-23-0	C12-C14-Alkyl(ethylbenzyl)dimethylammonium chloride	≤2.5%
7758-19-2	sodium chlorite	≤2.5%

· **Other Ingredients**

7732-18-5	water, distilled, conductivity or of similar purity	50-100%
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4 First-aid measures· **Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Wash with water. If skin irritation occurs, get medical attention.
- **After eye contact:**
Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
- **Information for doctor:** Treat Symptomatically
 - **Most important symptoms and effects, both acute and delayed**
May cause eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with possible redness and swelling.
May cause respiratory tract irritation.
May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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See section 11.

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** See section 10 for additional information.
- **Advice for firefighters**
 - **Protective equipment:**
Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots. Do not use a water jet.
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep people at a distance and stay upwind.
Avoid eye contact. Avoid repeated or prolonged skin contact.
- **Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Isolate spill or leak area immediately.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· PAC-1:		
57-55-6	Propylene glycol	30 mg/m ³
67-63-0	propan-2-ol	400 ppm
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	0.61 mg/m ³
7758-19-2	sodium chlorite	0.19 mg/m ³
497-19-8	sodium carbonate	7.6 mg/m ³
9003-11-6	Polyethylene-polypropylene glycol	6.9 mg/m ³
1336-21-6	ammonia	61 ppm

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· PAC-2:		
57-55-6	Propylene glycol	1,300 mg/m ³
67-63-0	propan-2-ol	2000* ppm
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	6.8 mg/m ³
7758-19-2	sodium chlorite	2.1 mg/m ³
497-19-8	sodium carbonate	83 mg/m ³
9003-11-6	Polyethylene-polypropylene glycol	76 mg/m ³
1336-21-6	ammonia	330 ppm
· PAC-3:		
57-55-6	Propylene glycol	7,900 mg/m ³
67-63-0	propan-2-ol	12000** ppm
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	60 mg/m ³
7758-19-2	sodium chlorite	13 mg/m ³
497-19-8	sodium carbonate	500 mg/m ³
9003-11-6	Polyethylene-polypropylene glycol	460 mg/m ³
1336-21-6	ammonia	2,300 ppm

7 Handling and storage· **Handling:**· **Precautions for safe handling**

Use only in well ventilated areas.

Use good personal hygiene practices

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:**

See section 10 for incompatible materials.

· **Information about storage in one common storage facility:**

Store in a cool dry place in tightly closed containers.

· **Further information about storage conditions:**

Keep receptacle tightly sealed.

Keep from freezing.

· **Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection**· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

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57-55-6 Propylene glycol (2.5-10%)WEEL TWA: 10 mg/m³**67-63-0 propan-2-ol (≤3.0%)**PEL TWA: 980 mg/m³, 400 ppmREL STEL: 1225 mg/m³, 500 ppmTWA: 980 mg/m³, 400 ppm

TLV STEL: 400 ppm

TWA: 200 ppm

BEI, A4

Ingredients with biological limit values:**67-63-0 propan-2-ol (≤3.0%)**

BEI 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

Do not inhale dust / smoke / mist.

Clean skin thoroughly immediately after handling the product.

Ensure good ventilation/exhaustion at the workplace.

Breathing equipment:

Use suitable respiratory protective device only when aerosol or mist is formed.

Short term filter device:

Filter AX

Protection of hands:

Chemical resistant protective gloves

Eye protection:

Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**· **Form:**

Liquid

· **Color:**

Light blue

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· Odor:	lemon scent
· Odor threshold:	Not determined.
· pH-value at 20 °C:	9
· Change in condition	
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	185 °C
· Flash point:	57.5 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	371 °C
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density at 20 °C:	1 g/cm ³
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic:	Not determined.
· Solvent separation test	
· VOC content:	≤8.70 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid**
Heat, open flames, sparks.
Oxidizing agents

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- **Incompatible materials:**
Strong Oxidizers, strong acids.
Reducing agents
- **Hazardous decomposition products:** May include, and are not limited to: oxides of carbon.

11 Toxicological information· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****ATE (Acute Toxicity Estimate)**

Oral	LD50	20,619 mg/kg
Dermal	LD50	25,000 mg/kg

57-55-6 Propylene glycol

Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

67-63-0 propan-2-ol

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h (vapor)	30 mg/L (rat)

85409-23-0 C12-C14-Alkyl(ethylbenzyl)dimethylammonium chloride

Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	1,100 mg/kg (ATE)

7758-19-2 sodium chlorite

Oral	LD50	100 mg/kg (ATE)
Dermal	LD50	50 mg/kg (ATE)

· **Primary irritant effect:**· **on the skin:**

May cause mild skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

· **on the eye:** May cause eye irritation.· **Inhalation:** May cause respiratory tract irritation.· **Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.· **Sensitization:** No sensitizing effects known.· **Route of Exposure** Inhalative, eye· **Additional toxicological information:**· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

67-63-0	propan-2-ol	3
7758-19-2	sodium chlorite	3

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· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
 - **Other information:** The product is easily biodegradable.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**
 - Water hazard class 2 (Self-assessment): hazardous for water
 - Do not allow product to reach ground water, water course or sewage system.
 - Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:**
 - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|-------------------------------------|---------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not Regulated |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not Regulated |
| · Packing group | |
| · DOT, IMDG, IATA | Not Regulated |

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- | | |
|--|-----------------|
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not Regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No REACH Annex XVII restrictions
Contains no REACH candidate substance

· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

67-63-0	propan-2-ol
1336-21-6	ammonia

· **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
57-55-6	Propylene glycol	ACTIVE
67-63-0	propan-2-ol	ACTIVE
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	ACTIVE
85409-23-0	C12-C14-Alkyl(ethylbenzyl)dimethylammonium chloride	*
7758-19-2	sodium chlorite	ACTIVE
497-19-8	sodium carbonate	ACTIVE
9003-11-6	Polyethylene-polypropylene glycol	ACTIVE
1336-21-6	ammonia	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **Carcinogenic categories**

· EPA (Environmental Protection Agency)	
7758-19-2	sodium chlorite D, CBD
· TLV (Threshold Limit Value)	
67-63-0	propan-2-ol A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:**

Engineering Department
Engineering Department

· **Issue Date**

03/15/2022
May 28, 2015

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit
 BEI: Biological Exposure Limit
 Flammable Liquids 3: Flammable liquids – Category 3

· *** Data compared to the previous version altered.**

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