

Safety Data Sheet

Issue date: 21.04.2022

v 4

Last Revision Date: 21.04.2022

1 Identification

Product identifier

Trade name: **Air Intake Cleaner**

Part number: 201285, 201286

Application of the substance / the mixture air intake cleaner

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 Products Inc.

1010 East 31st Street

Hialeah, Florida 33013 USA

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 Aerosols 1

H222 Extremely flammable aerosol. Pressurized container. May burst if heated.

Gases under Pressure - Compressed gas

H280 Contains gas under pressure; may explode if heated.

Skin Irritation 2

H315 Causes skin irritation.

Eye Irritation 2A

H319 Causes serious eye irritation.

Toxic to Reproduction 2

H361 Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure 3

H336 May cause drowsiness or dizziness.

Specific Target Organ Toxicity - Repeated Exposure 2

H373 May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard 1

H304 May be fatal if swallowed and enters airways.

Label elements

GHS label elements

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

Hazard pictograms



Signal word Danger

Hazard-determining components of labeling:

toluene

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acetone

Distillates (petroleum), hydrotreated light

· **Hazard statements**

Extremely flammable aerosol. Pressurized container. May burst if heated.

Contains gas under pressure; may explode if heated.

Causes skin irritation.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

· **Precautionary statements**

Obtain special instructions before use.

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

Pressurized container: Do not pierce or burn, even after use.

Do not breathe fume/spray.

If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Dispose of contents in accordance with local regulations.

· **Additional information:** For Professional Use Only· **Other hazards**· **PBT:** Not applicable.· **vPvB:** Not applicable.**3 Composition/information on ingredients**· **Chemical characterization: Mixtures**· **Chemical components:**

67-64-1	acetone	25-50%
108-88-3	toluene	10-25%
1330-20-7	xylene	10-25%
74-98-6	propane	≤2.5%
75-28-5	isobutane	≤2.5%
123-42-2	4-hydroxy-4-methylpentan-2-one	≤2.5%
64742-47-8	Distillates (petroleum), hydrotreated light	≤2.5%

· **Other Ingredients**

124-38-9	carbon dioxide	≤2.5%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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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.· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

· **After swallowing:** Do not induce vomiting; immediately call for medical help.· **Information for doctor:** Treat Symptomatically· **Most important symptoms and effects, both acute and delayed**

Skin irritant

Headache

Dizziness

Frost bites

Coughing

Nausea

Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Harmful if swallowed. May be fatal if swallowed and enters airways. Swallowing a small quantity of this material will result in serious health hazard.

Cause nose, throat, and lung irritation.

Skin irritant

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**

During heating or in case of fire poisonous gases are produced.

· **Advice for firefighters**· **Protective equipment:**

Wear fully protective suit.

Recommend wearing self-contained breathing apparatus.

6 Accidental release measures· **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

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- **Environmental precautions:**
Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
 - **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
See section 10 for incompatible materials.
Observe official regulations on storing packagings with pressurized containers.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Keep receptacle tightly sealed.
- **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:****67-64-1 acetone (25-50%)**

PEL (USA)	TWA: 2400 mg/m ³ , 1000 ppm
REL (USA)	TWA: 590 mg/m ³ , 250 ppm
TLV (USA)	STEL: 500 ppm TWA: 250 ppm A4, BEI
EL (Canada)	STEL: 500 ppm TWA: 250 ppm
EV (Canada)	STEL: 750 ppm TWA: 500 ppm

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108-88-3 toluene (10-25%)

PEL (USA)	TWA: 200 ppm CEV: 300; 500* ppm *10-min peak per 8-hr shift
REL (USA)	STEL: 560 mg/m ³ , 150 ppm TWA: 375 mg/m ³ , 100 ppm
TLV (USA)	TWA: 20 ppm BEI, OTO, A4
EL (Canada)	TWA: 20 ppm R
EV (Canada)	TWA: 20 ppm

1330-20-7 xylene (10-25%)

PEL (USA)	TWA: 435 mg/m ³ , 100 ppm
REL (USA)	STEL: 655 mg/m ³ , 150 ppm TWA: 435 mg/m ³ , 100 ppm
TLV (USA)	STEL: (150) ppm TWA: (100) NIC-20 ppm BEI, A4
EL (Canada)	STEL: 150 ppm TWA: 100 ppm
EV (Canada)	STEL: 650 mg/m ³ , 150 ppm TWA: 435 mg/m ³ , 100 ppm

74-98-6 propane (≤2.5%)

PEL (USA)	TWA: 1800 mg/m ³ , 1000 ppm
REL (USA)	TWA: 1800 mg/m ³ , 1000 ppm
TLV (USA)	see Appendix F Minimal oxygen content (D, EX)
EL (Canada)	Simple asphyxiant; EX
EV (Canada)	TWA: 1,000 ppm revoked as of 01/01/18

75-28-5 isobutane (≤2.5%)

TLV (USA)	STEL: 1000 ppm (EX)
EL (Canada)	STEL: 1000 ppm EX
EV (Canada)	TWA: 800 ppm revoked as of 01/01/18

123-42-2 4-hydroxy-4-methylpentan-2-one (≤2.5%)

PEL (USA)	TWA: 240 mg/m ³ , 50 ppm
REL (USA)	TWA: 240 mg/m ³ , 50 ppm
TLV (USA)	TWA: 50 ppm
EL (Canada)	TWA: 50 ppm
EV (Canada)	STEL: 360 mg/m ³ , 75 ppm TWA: 240 mg/m ³ , 50 ppm

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124-38-9 carbon dioxide (≤2.5%)

PEL (USA)	TWA: 9000 mg/m ³ , 5000 ppm
REL (USA)	STEL: 54,000 mg/m ³ , 30,000 ppm TWA: 9000 mg/m ³ , 5000 ppm
TLV (USA)	STEL: 30,000 ppm TWA: 5000 ppm
EL (Canada)	STEL: 15000 ppm TWA: 5000 ppm
EV (Canada)	STEL: 54,000 mg/m ³ , 30,000 ppm TWA: 9,000 mg/m ³ , 5,000 ppm

64742-47-8 Distillates (petroleum), hydrotreated light (≤2.5%)

EL (Canada)	TWA: 200 mg/m ³ Skin
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· Ingredients with biological limit values:**67-64-1 acetone (25-50%)**

BEI (USA)	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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108-88-3 toluene (10-25%)

BEI (USA)	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

1330-20-7 xylene (10-25%)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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· **Additional information:** The lists that were valid during the creation were used as basis.

· Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Store protective clothing separately.
- Avoid contact with the eyes and skin.

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· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **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:** Aerosol
- **Color:** Clear
- **Odor:** hydrocarbon
- **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** 55 °C

· **Flash point:** -17 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 465 °C

- **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

- **Lower:** 1.1 Vol %
- **Upper:** 13 Vol %

· **Vapor pressure at 20 °C:** 233 hPa

- **Density at 20 °C:** 0.78 g/cm³
- **Relative density:** Not determined.
- **Vapor density:** Not determined.

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· Evaporation rate	Not applicable.
· 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:	45.00 %
· 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.
electrostatic charge
- **Incompatible materials:** Strong Oxidizers, strong acids.
- **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)**

Dermal	LD50	9,500 mg/kg (rabbit)
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67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h (vapor)	5,320 mg/L (mouse)

1330-20-7 xylene

Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

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Inhalative	LC50/4 h (vapor)	6,700 mg/L (rat)
123-42-2 4-hydroxy-4-methylpentan-2-one		
Oral	LD50	4,000 mg/kg (rat)
Dermal	LD50	13,630 mg/kg (rab)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Inhalation:**

- Do not inhale , can cause respiratory system irritation.
asphyxiation

- **Ingestion:** Result in central nervous system depression

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· IARC (International Agency for Research on Cancer)		
108-88-3	toluene	3
1330-20-7	xylene	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

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.

- **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.

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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	UN1950
· TDG	UN1950
· UN proper shipping name	
· DOT	Aerosols, flammable
· TDG	Aerosols, flammable
· IMDG	AEROSOLS
· IATA	AEROSOLS, flammable
· Transport hazard class(es)	
· DOT	
· Class	2.1 Gases
· Label	2.1
· TDG	
· Class	2.1
· IMDG, IATA	
· Class	2.1 Gases
· Label	2.1
· Packing group	
· DOT, IMDG, IATA	Not Regulated
· TDG	Not Regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Gases
· Hazard identification number (Kemler code):	-

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· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Size/package type:	LTD QTY, ORM-D (Comes in: (114 g / can) and (418 g / can))
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

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):**

108-88-3 toluene

1330-20-7 xylene

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

All components have the value ACTIVE.

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· **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:**

108-88-3 toluene

· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
108-88-3	toluene	II
1330-20-7	xylene	I

· **TLV (Threshold Limit Value)**

67-64-1	acetone	A4
108-88-3	toluene	A4
1330-20-7	xylene	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Canadian substance listings:**· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

67-64-1	acetone
108-88-3	toluene
123-42-2	4-hydroxy-4-methylpentan-2-one
124-38-9	carbon dioxide

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· **Issue Date**

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· Revision Changes:

- v 1.0 - original SDS release (May 25, 2015)
- v 2.0 - added new part number (November 23, 2015)

· Abbreviations and acronyms:

- ADR: 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)
- 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
- OSHA: Occupational Safety & Health
- Flammable Aerosols 1: Aerosols – Category 1
- Gases under Pressure - Compressed gas: Gases under pressure – Compressed gas
- Skin Irritation 2: Skin corrosion/irritation – Category 2
- Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
- Toxic to Reproduction 2: Reproductive toxicity – Category 2
- Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
- Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2
- Aspiration Hazard 1: Aspiration hazard – Category 1

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

NA