

COCKPIT SPRAY

Product: 126.020

Revision date: 2015/11/25

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: 4CR 7450 COCKPIT SPRAY.

Synonyms: None

Chemical family: Mixture.

Product uses: Surface protection.

Supplier: CarWorx Distribution Inc.
165 Graveline
Ville St-Laurent, Quebec
H4T 1R3.

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): Aspiration hazard, category 1.

Physical Hazard Class(es): Flammable aerosol, category 1.

Environmental Hazard Class(es): Chronic hazards to the aquatic environment, category 2.

GHS Label Elements

Symbol:



Signal word: DANGER.

Hazard statement(s): H222 Extremely flammable aerosol.
H229 Pressurized container: may burst if heated.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s): P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P251 Do not pierce or burn, even after use.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): Not available.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
106-97-8	10-25	N-BUTANE	203-448-7
109-66-0	20-25	PENTANE	203-692-4
5989-27-5	0.3-1	D-LIMONENE	227-813-5
64742-48-9	3-10	ISOPARAFFINIC HYDROCARBONS	265-150-3
64742-49-0	3-10	ALIPHATIC NAPHTHA	265-151-9
67-63-0	3-10	2-PROPANOL	200-661-7
68308-64-5	0.3-1	QUATERNARY AMMONIUM COMPOUNDS	269-662-8
74-98-6	10-25	PROPANE	200-827-9
75-28-5	10-25	ISOBUTANE	200-857-2

Section 4: FIRST AID MEASURES

Skin contact: Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes.
Seek immediate medical attention.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Never give anything by mouth to an unconscious person.
Do not induce vomiting, seek immediate medical attention.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable aerosol.

Extinguishing media: Carbon dioxide.
Sand
Extinguishing powder.
Do not use water.

Conditions of flammability: Vapours may travel to a source of ignition and flash back.
Exposure to an ignition source.
Heat, sparks and open flames.

Special procedures: Firefighters should wear the usual protective gear.
Wear a self contained breathing apparatus.

Sensitivity to static discharge: Take precautions against static discharge.

Sensitivity to mechanical impact: Protect against physical damage.

Rate of burning: Not available.

Hazardous combustion products: Not available.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition.
Absorb with inert material.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Do not flush area with water.
Ground handling equipment.
Place in appropriate container.

Section 7: HANDLING AND STORAGE

Handling procedures: Avoid smoking, drinking, or eating during use.
Protect against physical damage.
Keep away from heat, sparks, and open flame.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash clothing before re-use.
Wash thoroughly after handling.
Keep out of reach of children.
Avoid breathing vapor and spray.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Do not puncture, incinerate, or burn.

Storage procedures: Keep out of direct sunlight.
Keep away from ignition sources.
Store between 0 and 50°C (32 and 122°F).
Store indoors.
Store in a cool, dry and well ventilated area.
Store away from food, drink and animal feed.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory/Type: In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.

Eye/Type: Tight fitting safety goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

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.

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
106-97-8	N-BUTANE	1000 PPM	800 PPM	NOT AVAILABLE	800 PPM	NOT AVAILABLE	NOT AVAILABLE
109-66-0	PENTANE	600 PPM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
5989-27-5	D-LIMONENE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
64742-48-9	ISOPARAFFINIC HYDROCARBONS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
64742-49-0	ALIPHATIC NAPHTHA	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	300 PPM	NOT AVAILABLE	NOT AVAILABLE
67-63-0	2-PROPANOL	200 PPM	400 PPM/8H	NOT AVAILABLE	400 PPM	500 PPM	NOT AVAILABLE
68308-64-5	QUATERNARY AMMONIUM COMPOUNDS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
74-98-6	PROPANE	1000 PPM	1000 PPM/8H	NOT AVAILABLE	1000 PPM	NOT AVAILABLE	NOT AVAILABLE
75-28-5	ISOBUTANE	1000 PPM	800 PPM	NOT AVAILABLE	800 PPM	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Aerosol.

Appearance & odor: Characteristic odour.
According to product specification.

Odor threshold (ppm): Not available.

pH: Not available.

Melting point (°C): Not available.

Boiling point (°C): -44°C.

Freezing point (°C): Not available.

Flash point (°C), method: DIN 53213.
< 0°C.

Auto-ignition temperature (°C): DIN 51794.
240°C.

Explosive power: Vapour forms flammable mixture with air.
Aerosol containers are extremely flammable. Containers may rupture if exposed to heat or fire.

Lower explosive limit: 1.4%

Upper explosive limit: 10.9%

Vapour pressure (mmHg): @ 20°C (68°F).
8300 hPa.

Specific gravity @ 20 °C: Not available.

Density: @ 20°C.
0.677 g/cm³.

Relative density: Not available.
Vapour density (air=1): Not available.
Evaporation rate (butyl acetate = 1): Not available.
Solubility in water (%): Not miscible or difficult to mix.
Coefficient of water\oil dist.: Not available.
Viscosity: Not available.
VOC: 96.60%.
Solid content: 3.4%

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Conditions of instability: Not available.
Hazardous polymerization: Not available.
Incompatible substances: Not available.
Hazardous products of decomposition: Carbon monoxide.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.
Eye contact: Non-irritating.
Skin contact: Non-irritating.
Inhalation: May cause irritation.
Ingestion: May cause irritation.

Effects of chronic exposure: May cause drowsiness.
May cause drying and cracking of skin.
May cause dizziness.
Long or repeated contact with skin may cause dermatitis due to the degreasing effect of the solvent.
Has narcotic effects.

Sensitization to product: Not a sensitizer.
Carcinogenic effects: Not available.
Reproductive effects: Not available.
Teratogenicity: Not available.
Mutagenicity: Not available.
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
106-97-8	N-BUTANE	NOT AVAILABLE	658,000 MG/M3/4H RAT INHALATION 680,000 MG/M3/2H MOUSE INHALATION
109-66-0	PENTANE	>2000 MG/KG RAT ORAL	364,000 MG/M3/4H RAT INHALATION
5989-27-5	D-LIMONENE	4400 MG/KG RAT ORAL 5600 MG/KG MOUSE ORAL >5000 MG/KG RABBIT DERMAL	NOT AVAILABLE
64742-48-9	ISOPARAFFINIC HYDROCARBONS	>6000 MG/KG RAT ORAL	8500 MG/M3/4H RAT INHALATION
64742-49-0	ALIPHATIC NAPHTHA	NOT AVAILABLE	NOT AVAILABLE
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
68308-64-5	QUATERNARY AMMONIUM COMPOUNDS	NOT AVAILABLE	NOT AVAILABLE
74-98-6	PROPANE	NOT AVAILABLE	>800000 PPM/15MIN RAT INHALATION
75-28-5	ISOBUTANE	NOT AVAILABLE	57 PPM/15M RAT INHALATION 680,000 MG/M3/2H MOUSE INHALATION 658,000 MG/M3/4H RAT INHALATION

Section 12: ECOLOGICAL INFORMATION

Environmental fate: Dangerous for the environment.

Environmental toxicity: Toxic to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
Danger to drinking water, even in small quantities.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.
Do not puncture or incinerate containers.
Do not dispose of with normal garbage.

Section 14: TRANSPORT INFORMATION

TDG classification: AEROSOLS
UN1950
Class 2.1.

DOT: AEROSOLS
UN1950
Class 2.1.

ICAO/IATA: AEROSOLS, Flammable
UN1950
Class 2.1.

IMDG: AEROSOLS
UN1950
Class 2.1.

Special instructions: < 1 L.
Limited Quantity exemption may apply.

Marine Pollutant: Yes

Section 15: REGULATORY INFORMATION

DSL status: The substance(s) listed in section 2 appear on the Domestic Substances List.

CERCLA reportable quantity: None

TSCA inventory: Not available.

SARA Section 313: Butane CAS# 106-97-8.
Propane CAS# 74-98-6.

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.
311/312: Delayed (Chronic) Health Hazard: Yes.
Fire Hazard: Yes.
Sudden Release of Pressure: Yes.
Reactive: No.

CA Proposition 65: Not available.

Health Hazard: 2*

Flammability: 4

Physical hazard: 1

NFPA Health Hazard: 2

NFPA Flammability: 4

NFPA Reactivity: 1

NFPA:



Section 16: OTHER INFORMATION

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