

# Safety Data Sheet Contact Clean



SDS Revision Date:

09/19/ 2018

## International Corporation

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product name** 85556 CONTACT-CLEAN

**Recommended use of the chemical and restrictions on use**

**Product code** F00985

**Synonyms** None

**Supplier's details**

**Recommended Use** removes carbon deposits, grease, oil, and excess corrosion on electrical equipment.  
**Uses advised against** No information available

**Manufactured For:**  
Saf-T-Lok / Saf-T-Eze  
300 Eisenhower Lane North  
Lombard, IL 60148

**Manufacturer**  
American Jetway Corporation  
34136 Myrtle Street  
Wayne, MI 48184-0126  
Phone:(734) 721-5930

**Emergency telephone number**

**Chemical Emergency Phone Number** CHEMTREC: 1-800-262-8200 ID 1195 (UNITED STATES)

**Company Emergency Phone Number** 734-721-5930

### 2. HAZARDS IDENTIFICATION

**Classification**

Skin corrosion/irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed Gas

**GHS Label Elements, including  
Precautionary statements**

**Emergency Overview****DANGER****Hazard Statements**

Causes skin irritation.

Suspected of damaging fertility or the unborn child

Causes damage to organs (Central Nervous System, Central Vascular System, Eyes, Gastrointestinal Tract, Peripheral Nervous System, Respiratory System, and Skin.)

May cause damage to organs (Central Nervous System, Central Vascular System, Eyes, Peripheral Nervous System, Respiratory System, and Skin) through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

Extremely Flammable Aerosol

Contains gas under pressure; may explode if heated



**Appearance** Clear

**Physical state** Aerosol

**Odor** Solvent

**Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

Wash face, hands and any exposed skin thoroughly after handling.

Do not breathe dust, fume, gas, mist, vapors, spray.

Do not eat, drink or smoke when using this product.

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

Do not spray on an open flame or other ignition source.

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

**Precautionary Statements - Response**

Specific treatment (see first aid on this label).

IF EXPOSED: Call a POISON CENTER or doctor/physician

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice, attention.

Take off contaminated clothing and wash it before reuse.

IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician.

Do NOT induce vomiting.

**Precautionary Statements – Storage**

Store locked up.

Protect from sunlight. Store in a well-ventilated place

Do not expose to temperatures exceeding 122°F (50°C)

**Precautionary Statements – Disposal**

Dispose of contents, container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

None

**Other information**

0.000003% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
ISOHEXANE	107-83-5	40-50
3-METHYLPENTANE	96-14-0	10-20
2,3-DIMETHYLBUTANE	79-29-8	10-20
2,2-DIMETHYLBUTANE	75-83-2	10-20
CARBON DIOXIDE	124-38-9	1-10
METHANOL	67-56-1	1-10
N-HEXANE	110-54-3	1-10

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to unconscious person. Risk of product entering the lungs on vomiting after ingestion.

#### Most important symptoms/effects, acute and delayed

**Main Symptoms** Causes skin and eye irritation. May cause respiratory irritation. May cause dizziness or drowsiness. Harmful and may be fatal if swallowed and enters airways.

#### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water fog. Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical. Cool Tanks/ containers with water spray.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

#### Specific hazards arising from the chemical

Flammable or Extremely Flammable aerosol. Container may burst in fire.

#### Explosion Data

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use with adequate ventilation to keep the exposure levels below the OELS.

**Environmental precautions**

**Environmental precautions** Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Report spills as required by local and federal regulations.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Contain liquid and collect with an inter, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly . After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep containers tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition .Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

**Aerosol Level** 3

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ISOHEXANE 107-83-5	STEL: 1000 ppm TWA: 500 ppm	-	-
3-METHYLPENTANE 96-14-0	STEL: 1000 ppm TWA: 500 ppm	-	-
2,3-DIMETHYLBUTANE 79-29-8	STEL: 1000 ppm TWA: 500 ppm	-	-
2,2-DIMETHYLBUTANE 75-83-2	STEL: 1000 ppm TWA: 500 ppm	-	-

CARBON DIOXIDE 124-38-9	STEL: 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m <sup>3</sup> (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>
METHANOL 67-56-1	STEL: 250 ppm TWA: 200 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 50 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m <sup>3</sup>	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Exposure controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection** Safety glasses with side-shields.
- Skin and body protection** Chemical resistant apron. Protective gloves.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and chemical properties**

<b>Physical state</b>	Aerosol	<b>Odor</b>	Solvent
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	
<b>Color</b>	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range		
Flash Point	-28.9 °C / -20 °F	(based on components)
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit		
lower flammability limit		

Vapor pressure  
 Vapor density  
 Specific Gravity 0.68  
 Water solubility Practically insoluble  
 Partition coefficient: n-octanol/water  
 Autoignition temperature No information available  
 Decomposition temperature  
 Viscosity No information available  
 Explosive properties

**Other information**

VOC Content(%) 95.61

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Strong acids, alkalis, oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory system.

**Eye contact** May be irritating to the eyes.

**Skin contact** Causes skin irritation.

**Ingestion** Harmful and may be fatal if swallowed and enters airways and lungs.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
METHANOL 67-56-1	= 6200 mg/kg ( Rat )	-	= 22500 ppm ( Rat ) 8 h
N-HEXANE 110-54-3	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** Causes skin irritation May cause eye and respiratory irritation. Harmful if swallowed and enters airways.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes skin irritation.  
**Eye damage/irritation** May be irritating to eyes.  
**Irritation** Causes eye irritation. May cause skin and respiratory irritation.  
**Sensitization** No information available.  
**Germ Cell Mutagenicity** Not a germ cell mutagen.  
**Carcinogenicity** There are no carcinogenic chemicals in this product.  
**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.  
**Specific target organ systemic toxicity (single exposure)** Causes damage to Target Organs listed below.  
**Specific target organ systemic toxicity (repeated exposure)** May cause damage to target organs listed below through prolonged and repeated exposure.  
**Chronic toxicity** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.  
**Target Organ Effects** Central Nervous System, Central Vascular System, Eyes, Gastrointestinal Tract, Peripheral Nervous System, Respiratory System, and Skin.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.000003% of the mixture consists of ingredient(s) of unknown toxicity.  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 2615 mg/kg  
**ATEmix (dermal)** 7844 mg/kg  
**ATEmix (inhalation-dust/mist)** 13.1 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
CARBON DIOXIDE 124-38-9	-	0.46 mg/L LC50 Oncorhynchus mykiss	-	-
METHANOL 67-56-1	-	28200 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static 19500 - 20700 mg/L LC50 Oncorhynchus mykiss 96h flow-through 18 - 20 mL/L LC50 Oncorhynchus mykiss 96h static 13500 - 17600 mg/L LC50 Lepomis macrochirus 96h flow-through	-	-
N-HEXANE 110-54-3	-	2.1 - 2.98 mg/L LC50 Pimephales promelas 96h flow-through	-	-

**Persistence and degradability**

.

**Bioaccumulation**

Chemical Name	log Pow
2,2-DIMETHYLBUTANE 75-83-2	3.8
METHANOL 67-56-1	-0.77

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

**Contaminated packaging** Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**DOT Ground** CONSUMER COMMODITY ORM-D  
or  
LIMITED QUANTITY

**IATA** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

**IMDG** UN1950, AEROSOLS, 2.1, LTD. QTY.

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
ISOHEXANE	X	X	X	X	X	X	X	X
3-METHYLPENTANE	X	X	X	X	X	X	X	X
2,3-DIMETHYLBUTAN E	X	X	X	X	X	X	X	X
2,2-DIMETHYLBUTAN E	X	X	X	X	X	X	X	X
CARBON DIOXIDE	X	X	X	X	X	X	X	X
METHANOL	X	X	X	X	X	X	X	X
N-HEXANE	X	X	X	X	X	X	X	X

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances



PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
METHANOL - 67-56-1	67-56-1	1-10	1.0
N-HEXANE - 110-54-3	110-54-3	1-10	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
METHANOL 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
N-HEXANE 110-54-3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	California Prop. 65
METHANOL - 67-56-1	Developmental / 1-10%
N-HEXANE - 110-54-3	Developmental, Reproductive (Male) 1-10%

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ISOHEXANE 107-83-5	X	X	X

3-METHYLPENTANE 96-14-0		X	X
2,3-DIMETHYLBUTANE 79-29-8	X	X	X
2,2-DIMETHYLBUTANE 75-83-2	X	X	X
CARBON DIOXIDE 124-38-9	X	X	X
METHANOL 67-56-1	X	X	X
N-HEXANE 110-54-3	X	X	X

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 2	Flammability 4	Instability 0	Physical and chemical hazards -
<b>HMIS</b>	Health Hazard 2	Flammability 4	Physical Hazard 1	Personal protection B

**Prepared By** American Jetway Corporation  
34136 Myrtle Street  
Wayne, MI 48184-0126

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**Revision Note**  
(M)SDS sections updated 3 15 16

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**