Safety Data Sheet

Issue Date: 09-May-2015 **Review Date: 03-Mar-2021** **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name **SPEED CLEAN SOLVENT DEGREASER (AEROSOL)**

Other means of identification

SDS #

ITEM# M-05180

UN/ID No UN 1950

Recommended use of the chemical and restrictions on use

Recommended Use Solvent Cleaner

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number 832-399-1000

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, colorless spray **Physical State** Aerosol **Odor** solvent-like

Classification

Skin irritant	Category 2
Eye Irritant	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3
Carcinogenicity	Category 1B
Germ Cell Mutagenicity	Category 2

Hazard Not Otherwise Classified (HNOC)

Signal Word **DANGER**

Hazard Statements

Contains gas under pressure: May explode if heated
Causes skin and eye irritation
May cause drowsiness and dizziness.
May causes cancer. Suspected of causing genetic defects

Precautionary Statements - Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area
Wear protective gloves, eye protection, and protective clothing.
Wash hands thoroughly after handling.
Keep away from heat, sparks, open flames, and 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

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention.
Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
If exposed or concerned: Get medical advice or attention

Precautionary Statements – Storage

Store locked up.
Protect from sunlight.
Do not expose/stare to temperatures exceeding 50°C/122°F. Store in a well-ventilated place

Precautionary Statements – Disposal

Dispose of contents and container in accordance with local, state, and national regulations.

Unknown Acute Toxicity

About 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Carbon Dioxide	124-38-9	3-7
Trichloroethylene	79-01-6	60-100

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice or attention

Skin Contact Wash contact areas with soap and water. Remove contaminated clothing and launder before reuse. If skin irritation persists, call a physician.

Inhalation Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell

Ingestion Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Acute Health Hazard Eyes: redness, tearing, blurred vision
Skin: Prolonged or repeated contact may dry skin.
Inhalation: drowsiness and dizziness.
Oral: abdominal irritation, nausea, vomiting, and diarrhea.

Chronic Health Hazard Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Unsuitable Extinguishing Media Do not use straight streams.

Specific Hazards Arising from the Chemical
Not determined.

Hazardous Combustion Products Oxides of carbon.

Protective equipment and precautions for firefighters
Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment

Personal Precautions See Section 8 for Personal Protective Equipment.

Environmental Precautions See Section 12 for additional Ecological Information.

Spill

Methods for Clean-Up Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

Waste Disposal Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Use sand or other non- combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue.

RCRA Status Waste solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Incompatible Materials Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Dioxide	5000 ppm	5000 ppm	-
Trichloroethylene	25 ppm	10 ppm	

Appropriate engineering controls

Engineering Controls Use only outdoors or in a well-ventilated area.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment Safety glasses and chemical resistant gloves.

Respiratory Protection Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Spray		
Appearance	Clear, colorless	**Odor**	Mild, solvent-like
Color	colorless	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
Melting Point	> 188°F (87°C)	
Boiling Point	Not determined	
Freezing Point	Not determined	
Flammability	Not considered a flammable aerosol	
Flash Point	Not determined	
Auto-ignition Temperature	Not determined	
Upper / Lower Flammability Limit	Not determined	
Vapor Pressure (mm Hg)	59	mm Hg
Vapor Density	> 2	(Air = 1)
Evaporation Rate	< 3 (fast)	(butyl acetate = 1)
Specific Gravity	1.52	@ 77°F / 25°C
pH	Not determined	
Solids	0%	
Water Solubility	0%	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	n-Octanol/Water (K_{OW})
Volatility Including Water	100% Volatile	
VOC Content (%)	96 %	
Dielectric Strength (Volts)	29,000	
Decomposition Temperature	> 400°C	
VIscosity	Not determined	
Explosive Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity Chemically active metals and acids.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to Avoid Temperatures greater than 122°F and source of ignition.

Incompatible Materials Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

Hazardous Decomposition Products Carbon oxides, chlorine, hydrogen chloride and phosgene

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact Causes irritation, burning, redness, tearing.

Skin Contact Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.

Inhalation Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.

Ingestion May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps

Component Information **Trichloroethylene** (79-01-6)
LD_{50} (Oral, Rat) 5,650 mg/kg; Tumorigen, mutagenic reproductive effects in humans.

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 for Acute and Chronic Health Hazard.

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

Carcinogenicity **OSHA:** Yes **ACGIH:** A2- Suspected **NTP:** 2-Anticipated **ARC:** 2-Anticipated

OTHER: CA Prop 65

12. ECOLOGICAL INFORMATION

Ecotoxicity **Trichloroethylene** (79-01-6)
LC_{50} (96hr) Fish: 10 and 100 mg/L

Persistence/Degradability Component(s) of this product are not biogradable.

Bioaccumulation This product is not expected to bioaccumulate

Mobility This product is mobile in soil.

Other Ecological Hazard This material is toxic to aqua life.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCA Status Waste likely considered D001 (Ignitable waste), under RCRA, however product Should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

DOT
UN/ID No UN1950
Proper Shipping Name Aerosols, Ltd. Qty
Hazard Class / Division 2.2 / 6.1

Air Shipment
UN/ID No Forbidden by USDOT Regulations
Proper Shipping Name N/A
Hazard Class / Division N/A

IMO / IMDG
UN/ID No UN1950
Proper Shipping Name Aerosols, Ltd. Qty
Hazard Class / Division 2.2 / 6.1

Environmental Hazard Water N/A

15. REGULATORY INFORMATION

International Regulations

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS	
Trichloroethylene	Yes	Yes	No	Yes	Yes	Yes		Yes	Yes	Yes	Present

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 Chemical Substances/European List of Notified Chemical Substances*
ENCS *- Japan Existing and New Chemical Substances*
IECSC *- 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*

US Federal Regulations

CERCLA **Trichloroethylene** 79-01-6 Reportable Quantity = 100 lb

SARA 311/312 Hazard Categories **Acute Health, Chronic Health**

SARA 313 Reportable Ingredients **Trichloroethylene** 79-01-6

US State Right-to-Know Regulation **Trichloroethylene** 79-01-6

New York, Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, Michigan, New Jersey, Tennessee; Spill Reporting for Massachusetts, New Jersey, Louisiana; Connecticut hazardous material survey; Illinois toxic substances disclosure to employee act

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	2	1	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	2	1	0	B

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Disclaimer

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End of Safety Data Sheet