

SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015



Date Issued : 02/28/2019

SDS No : 5913 Blend Away Solvent_ENG

5913 BLEND AWAY SOLVENT, aerosol

1. IDENTIFICATION

Product Name: 5913 BLEND AWAY SOLVENT, aerosol

Product Description: Paint Thinner for Car Finishes, aerosol 12.6 oz (357 g)

General Use: Paint Thinner, aerosol

Product Stock/Code: 5913

Chemical Family: Solvent-based

Molecular Formula: Mixture

Manufacturer / Supplier

ABI / Autobody Brands International, a Division of
IAMG / International Autobody Marketing Group
1505 North Hayden Road, Suite 111
Scottsdale, AZ 85257
INFORMATION PHONE: 1-87-REFINISH
E-Mail: www.5starxtreme.com

Emergency Telephone Numbers (24 hour)

CHEMTREC : (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Aspiration Hazard, Category 2
Acute Toxicity (Oral and Dermal), Category 4
Serious Eye Damage, Category 1
Skin Irritation, Category 2

Physical hazards:

Flammable Aerosols, Category 1
Gases Under Pressure
Simple Asphyxiants, Category 1

Label elements

Hazardous components for labelling:

Cyclohexanone



Flame



Gas
cylinder



Corrosion



Exclamation
mark

Signal Word: DANGER

Hazard statement(s)

H222: Extremely flammable aerosol.
H280: Contains gas under pressure; may explode if heated.
H305: May be harmful if swallowed and enters airways.
H302 + H312: Harmful if swallowed or in contact with skin.
H318: Causes serious eye damage.
H315: Causes skin irritation.
H600: May displace oxygen and cause rapid suffocation.

Precautionary statement(s)

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P261: Avoid breathing mist, vapours or spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves, protective clothing and eye protection.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

Response:

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331: Do NOT induce vomiting.
P330: Rinse mouth.

Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards Not Otherwise Classified: No data available.

Emergency Overview

Immediate concerns: Extremely flammable aerosol. May be harmful if inhaled. Harmful in contact with skin or if swallowed. Causes eye damage. Causes skin irritation. Aspiration hazard. Vapor reduces oxygen availability for breathing.

Comments: See sections 9 and 10 for more detailed information on physicochemical effects.
See section 11 for more detailed information on health effects.
See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes

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precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS number
Cyclohexanone	58 - 62	108-94-1
Propane	26 - 29	74-98-6
Isobutane	12 - 13	75-28-5

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Signs and Symptoms of Overexposure

Eye Contact: Corrosive. Will cause eye burns and permanent tissue damage.

Skin Contact: Contact causes skin irritation. May be absorbed through the skin in harmful amounts. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Substance may be harmful if swallowed. If swallowed, may be aspirated and cause lung damage. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

Inhalation: High vapor or spray mist concentrations may be harmful if inhaled. May cause headaches and dizziness. High vapor concentrations may cause drowsiness. High vapor concentrations can displace oxygen in enclosed spaces and cause asphyxiation.

Notes to Physician: Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Additional Information: No data available.

5. FIRE FIGHTING MEASURES

Flammable Properties: Extremely flammable aerosol. Can readily form explosive mixtures at or above the flash point. Product can be ignited by static discharge.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous Combustion Products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

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

Sensitivity to Static Discharge: Product is sensitive to static discharge.

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Sensitivity to Mechanical Impact: Product is sensitive to mechanical impact. Do not puncture container. Contents under pressure. Do not expose to heat or store above 120 °F (49 °C).

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Eliminate all ignition sources. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

Environmental Precautions

Water Spill: Do not flush to sewer.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Special Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

7. HANDLING AND STORAGE

General Procedures: Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ensure thorough ventilation of stores and work areas.

Handling: Contents under pressure. Do not expose to heat or store above 120 °F (49 °C). Use only in a well ventilated area. Do not use in the presence of open flame or spark. Do not puncture container. Do not breathe vapors or spray mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Storage: Keep away from heat and flame. Store in a cool dry place. Container may explode if heated. Do not incinerate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
Occupational Exposure Limits				
Chemical Name	Type		ppm	mg/m ³
Cyclohexanone	OSHA PEL	TWA	50	200
	ACGIH TLV	TWA	20	--
		STEL	50	--
	NIOSH REL	TWA	25	100
Propane	OSHA PEL	TWA	1000	1800
	ACGIH TLV	TWA	1000	--
	NIOSH REL	TWA	1000	1800
Isobutane	ACGIH TLV	STEL	1000	--
	NIOSH REL	TWA	800	1900

Engineering Controls: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles).

Skin Contact: Wear chemical resistant gloves.

Respiratory: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be

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permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protective Clothing: Not applicable for aerosol containers.

Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid, without aerosol propellants
Odor	: Camphor-like
Odor Threshold	: 0.88 to 3 ppm [cyclohexanone]
Appearance	: Aerosol
Color	: Colourless
pH	: Not Applicable
% Volatiles	: 100 % w/w
Flash Point and Method	: 43°C Closed Cup, cyclohexanone [lowest known value of aerosol concentrate]
Flammable Limits	: 1.3 to 9.4
Autoignition Temperature	: 430°C (806°F)

Notes: Based on data for cyclohexanone [lowest known value of aerosol concentrate]

Vapor Pressure	: 75 - 85 psig at 20°C
Vapor Density	: 3.4 (air = 1)
Boiling Point	: 156°C (313°F)
Freezing Point	: No data available.
Melting Point	: No data available.
Solubility in Water	: Slightly soluble
Evaporation Rate (n-butyl acetate = 1)	: < 1
Density	: 0.940-0.950 g/ml at 20°C

Notes: An estimate for the aerosol concentrate density.

Viscosity	: < 10 cps
VOC Content	: 100% w/w
Oxidizing Properties	: None

Comments:

Flammability Statement:

The flammability of an aerosol is determined by its flame extension and/or flashback.

Flammability:	Yes
Aerosol Flame Projection:	> 45 cm but < 100 cm
Flashback:	Yes
Calculated Aerosol Chemical Heat of Combustion, kJ/g	42 to 45

VOC Compliance Statement

Total Volatiles:	100% w/w (< 710 g/l)
VOC Content:	Total Material: < 710 g/l (< 5.93 lb/gal) 100% w/w
Density:	0.705 ± 0.005 g/ml
Exempt Content:	0% w/w
VOC Regulation:	Consumer Product Regulations – CARB-California
Product Category:	Paint Thinner, aerosol
Restrictions from Sale:	Yes
The product VOC content does not meet the current 10% w/w limit under the CARB Consumer Product Regulations for Paint Thinner, aerosol.	
Not for sale in the following USA states:	
CA (California)	
Check your area for compliance before using this product.	

10. STABILITY AND REACTIVITY

Reactive Hazard : No

Hazardous Polymerization: Not expected to occur.

Stability: Stable.

Conditions to Avoid: Keep away from flames and any object that sparks. Container may explode if heated.

Possibility of Hazardous Reactions: No data available.

Hazardous Decomposition Products: Carbon Monoxide and other toxic vapors.

Incompatible Materials: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	Oral LD ₅₀ mg/kg(rat)	Dermal LD ₅₀ mg/kg(rabbit)	Inhalation LC ₅₀ mg/l
Cyclohexanone	1530(rat) 1890(rat)	947 794 - 3160	32.1(rat;4h) [8000 ppm]
Propane	Not Applicable	Not Applicable	>800,000 ppm (rat,15m) [>1443 mg/L]
Isobutane	Not Applicable	Not Applicable	658(rat;4h) 570,000 ppm (rat;15m) 680(mouse;2h)

Acute Toxicity - Dermal LD₅₀: Based on available ingredient data, the mixture is classified as: Acute Dermal Toxicity, Category 4. The calculated ATE is > 1000 and ≤ 2000 mg/kg. May be harmful in contact with skin. May be absorbed through the skin in harmful amounts.

Acute Toxicity - Oral LD₅₀: Based on available ingredient data, the mixture is classified as: Acute Oral Toxicity, category 4. The calculated ATE is > 300 and ≤ 2000 mg/kg. Substance may be harmful if swallowed.

Acute Toxicity - Inhalation LC₅₀: Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours) and >5 mg/l/4h (mists). High vapor concentrations may be harmful if inhaled. Excessive vapor concentrations are attainable. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation.

Notes: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity. No additional toxicology information is available for this product itself. (See Component Toxicity Information).

Primary Routes of Entry:

Eye contact. Skin contact. Inhalation.

Skin Irritation / Corrosion: Contains: Cyclohexanone. Causes skin irritation. The mixture is classified as: Skin Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as skin irritant, category 2). Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Irritation / Serious Eye Damage: Contains: Cyclohexanone. The mixture is classified as: Eye Damage, category 1, based on summation of ingredient data (> 3% ingredients classified as skin and/or eye category 1). Corrosive. Will cause eye burns and permanent tissue damage.

Respiratory / Skin Sensitizer: Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).

Based on available data, the classification criteria for skin sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin sensitizer, sub-category 1B).

Germ Cell Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Carcinogenicity

Chemical Name	NTP status	IARC status	OSHA status	Other
Cyclohexanone	--	3	--	A3 (ACGIH)
Propane	--	--	--	--
Isobutane	--	--	--	--

Notes: Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

Reproductive Toxicity: Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).

Specific Target Organ Toxicity - Single Exposure: Based on available data, the classification criteria for Specific Target Organ Toxicity - Single Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1 or 2 and < 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).

Specific Target Organ Toxicity - Repeated Exposure: Based on available data, the classification criteria for Specific Target Organ Toxicity - Repeated Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 1 or 2).

Aspiration Hazard: Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm²/s at 40 °C).

12. ECOLOGICAL INFORMATION

Environmental Data: No data available.

Ecotoxicological Information: No data available.

Bioaccumulation/Accumulation: No data available.

Distribution: No data available.

Aquatic Toxicity (Acute): No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: When container is empty, press button to release all pressure, then dispose of container and unused contents in accordance with Local, Provincial/State and Federal regulations.

14. TRANSPORT INFORMATION**DOT (Department of Transportation)**

Proper Shipping Name : Aerosols, Flammable

Primary Hazard Class/Division: 2.1

UN/NA Number : 1950

Packing Group : N/AP

Other Shipping Information:

With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity as per DOT 173.306.

Vessel (IMO/IMDG)

Shipping Name : Aerosols

UN/NA Number : 1950

Primary Hazard Class/Division: 2.1

Packing Group : N/AP

Marine Pollutant : None

Label : None

Note: With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

Canadian Transportation of Dangerous Goods Regulations

Shipping Name : Aerosols, Flammable

UN/NA Number : 1950

Primary Hazard Class/Division: 2.1

Packing Group : N/AP

TDG Note:

With an inner packaging < 1.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

15. REGULATORY INFORMATION**UNITED STATES****SARA Section 311/312 Hazard Categories**

311/312 Health Hazards: Acute Toxicity (Dermal), Acute Toxicity (Oral), Eye Corrosion, Simple Asphyxiant, Skin Irritation

311/312 Physical Hazards: Flammable Aerosols, Gases Under Pressure

EPCRA Section 313 Toxic Chemicals:

This product does not contain any listed toxic chemicals that exceed the threshold reporting levels established by SARA Title III, Section 313.

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status:

This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)**CERCLA Status:**

This product contains no CERCLA listed hazardous substances.

Chemical Name	Wt. %	RQ
Cyclohexanone	58 - 62	5,000

TSCA (The Toxic Substances Control Act)**TSCA Status:**

All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(b) - Hazardous Air Pollutants**CAA 112(r) - List of Substances for Accidental Release Prevention:**

This product contains no chemicals subject to CAA 112(b).

This product contains the following chemicals subject to CAA 112(r).

Name	CAS No.	Threshold Qty (TQ)
Propane	74-98-6	10,000
Butane	75-28-5	10,000

California Proposition 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OSHA Hazard Communication Standard (29 CFR 1910.1200):

OSHA Status: Hazardous Product (See Section 2 for details).

This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

CANADA**WHMIS Hazard Symbol and Classification**

See Section 2 for details.

WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification:

WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI):

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Name	CAS No.	NPRI Part No.
Propane	74-98-6	5 (VOC)
Butane (all isomers)	75-28-5	5 (VOC)

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):

All components are included or are otherwise exempt from inclusion on this inventory.

Comments VOC Content -- See section 9.

16. OTHER INFORMATION

Reason for Issue: NEW

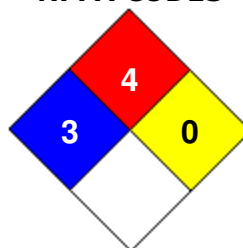
Prepared By : Regulatory Compliance

Date Prepared: 02/28/2019

Information Contact: 1-97-REFINISH

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	4
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	G

NFPA CODES

NFPA 30 / 30B Storage Classification: Level 3 Aerosol

Manufacturer Supplemental Notes: None

Data Sources: Not Available

Additional SDS Information:

N/AV Not Available

N/AP Not Applicable

ND Not yet determined

ACGIH American Conference of Governmental Industrial Hygienists

CAA The Clean Air Act

CCCR The Consumer Chemicals and Containers Regulations

CEPA The Canadian Environmental Protection Act

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

EPCRA The Emergency Planning and Community Right-To-Know Act

IARC International Agency for Research on Cancer

MSHA Mine Safety and Health Administration

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA The Occupational Safety and Health Administration

SARA The Superfund Amendments and Reauthorization Act

WHMIS Workplace Hazardous Materials Information System

General Statements: None

Comments: None

Manufacturer Disclaimer: The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of this material.