

**SAFETY DATA SHEET****SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Trade Name:	759
Product Description:	Bird Song Solvent Blend
Chemical Name:	Cleaner Dichloromethane / DI-Acetone
UN Number:	UN 1993
UN Dangerous /goods Class/Subsidiary Risk:	Hazard Class 3 (6.1) Packing Group III
Manufacture's Name:	<b>Applied</b> Products, Inc.
Address:	6035 Baker Road Minnetonka, MN 55345
Website:	www.appliedadhesives.com
Emergency Phone:	(800) 424-9300 (Chemtrec)
Business Phone:	800-365.2480
Date of Preparation:	11/30/2021
Date of last revision:	4/14/2022

**\*\*This chemical / product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.**

**SECTION 2 HAZARD IDENTIFICATION****OSHA Hazards**

Carcinogen, Combustible Liquid, Target Organ Effect, Harmful by ingestion, Irritant.

**Target Organs**

Liver, Pancreas, Blood, Central Nervous System, Heart, Kidney

**GHS Classification**

Flammable liquids (Category 3)  
Acute toxicity, Inhalation (Category 3)  
Acute toxicity, Oral (Category 4)  
Skin irritation (Category 2)  
Serious eye damage / Eye Irritation (Category 1)  
Aspiration hazard (Category 1)  
Carcinogenicity (Category 2)  
Combustible liquid (Category 4)

**Signal Word****DANGER****Hazard Statement's)**

H-302	Harmful if swallowed.
H318	Causes serious eye damage.
H-351	Suspected of causing cancer.
H226	Flammable liquid and vapor.
H331	Toxic if inhaled.

**Precautionary Statement's)**

P261 Avoid breathing dust / fume / gas / mist / vapours / spray.  
 P-281 Use personal protective equipment as required.  
 P-305+P-351+P-338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P311 Immediately call a POISON CENTER or doctor / physician.

**HMIS Classification**

**Health Hazard:** 2  
**Chronic Health Hazard:** \*  
**Flammability:** 2  
**Physical Hazard:** 0

**NFPA Rating**

**Health Hazard:** 2  
**Fire:** 2  
**Reactivity Hazard:** 0

**Potential Health Effects**

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation. Vapors may cause drowsiness and dizziness.  
**Skin:** May be harmful if absorbed through skin. Causes skin irritation.  
**Eyes:** Causes eye irritation.  
**Ingestion:** May be harmful if swallowed.

**SECTION - COMPOSITION INFORMATION ON INGREDIENTS**

Synonyms: Dichloromethane

Formula: CH<sub>2</sub>Cl<sub>2</sub>

Molecular Weight: 84.93 g/moi

ITEM	CHEMICAL NAME	CAS #	EC-No	Wt. % RANGE
1	Dichloromethane	75-09-2	200-838-9	90%
2	Di-Acetone Alcohol	123-42-2	204-626-7	10%

**SECTION 4 - FIRST AID MEASURES**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Flush with large quantities of water for at least 15 minutes or until irritation subsides. Contact a Physician.

**Skin Contact:** Wash with soap and water, Consult a physician.

**If Inhaled:** Move to fresh air. If not breathing ,give artificial respiration. If breathing is difficult, give oxygen. Contact a Physician immediately.

**If Swallowed:** Do not induce vomiting. If irritation or complications arise, contact a Physician or Regional Poison Control Center immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

**Conditions of Flammability:**

Not flammable or Combustible

**Suitable extinguishing media:**

Dry chemical, Carbon dioxide(CO<sub>2</sub>), Water spray, Alcohol-resistant foam.

**Hazardous combustion products:**

Hazardous decomposition products form under fire conditions-Carbon oxides.  
Hydrogen Chloride gas.

**Precautions for fire-fighting:**

Wear full fire fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

**Further Information:**

Use water spray to cool unopened containers.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personal to safe areas.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and clean up:**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:**

Avoid skin and eye contact. Avoid breathing vapors. Use only in a well ventilated area.

**Storage information:**

Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Use and store containers in a well ventilated area. Heat sensitive. Store under inert gas.

<b>SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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SDS Components	CAS-No.	Value	Exposure Limits	Governing Body
Methylene Chloride	75-09-2	TWA	50ppm	USA, ACGIH Threshold Limit Values (TLV)
Di Acetone Alcohol	123-42-2	TWA	50 ppm	USA, ACGIH Threshold Limit Values (TLV)
Di Acetone Alcohol	123-42-2	TWA	50 ppm	USA, OSHA - Table Z-1 Limits of air Contaminants
Di Acetone Alcohol	123-42-2	TWA	50 ppm	USA,OEL (OSHA)-Table Z-1 Limits for air Contaminants
Di Acetone Alcohol	109-60-4	TWA	200 ppm	USA,OEL (OSHA)-Table Z-1 Limits for air Contaminants

**Engineering Controls:**

Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposures below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, ect.) for vapors before entering.

**Respiratory Protection:**

When risk assessment shows air-purifying respirators are appropriate use full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand Protection:**

Handel with gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye Protection:**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

**Skin and Body Protection:**

Impervious clothing, Flame retardant protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance:** Liquid, Clear

**PH:** Not Applicable

**Melting Point/Range Point:** -97 Deg. C -143 Deg. F

**Boiling Point:** 39.8 C (103 Deg. F)

**Flash Point:** No data available

**Evaporation Rate:** 0.71

**Ignition Temperature:** 556.1 C ( 1,033.0 F)

**Upper Explosion Limits:** 19 %

**Lower Explosion Limits:** 12 %

**Vapor Pressure:** 470.9 hPa (353.2 mmHg) at 20.0 Deg. C (68.0 Deg F)

**Vapor Density:** 1.325 g/ml at 25 Deg. C (77 Deg. F)

**Relative Vapor Density:** 2.93 -(Air=1.0)

**Water Solubility:** Slightly Soluble

**Partition Coefficients:** log Pow: 1.25

**lbs. per gallon:** 10.40

**SECTION 10 - STABILITY AND REACTIVITY****Chemical Stability:**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:**

No data available

**Conditions to Avoid:**

Heat, Flames and sparks, Extremes of temperature and direct sunlight.

**Materials to avoid:**

Alkali metals, Aluminum, Strong Oxidizing agents, Bases, Amines, Magnesium, Strong Acids, and strong bases, Vinyl compounds.

**Hazardous Decomposition Products:**

Hazardous Decomposition Products formed under fire conditions,-Carbon Oxides, Hydrogen Chloride gas. Other decomposition products- no data available

Contains the following stabilizer's): 2-Methyl-2butene ( $\geq 50$  -  $\leq 150$  ppm)

**SECTION 11 - TOXICOLOGICAL PROPERTIES****Acute Toxicity:****Oral LD50**

LD50 oral- rat-1,600 mg/kg

Remarks: Behavioral: Ataxia.

**Inhalation LC50**

LC50 Inhalation-rat-52,000 mg/m<sup>3</sup>

**Other information on Acute Toxicity:**

No data available

**Skin Corrosion/Irritation:**

Skin - rabbit - Mild skin irritation 24 h

**Serious Eye Damage/Eye Irritation:**

Eyes - rabbit - Mild eye irritation - 24 h

**Respiratory or Skin Sensitization:**

No data Available

**Germ Cell Mutagenicity:**

Genotoxicity in vivo -rat- Oral

DNA Damage

**Carcinogenicity:**

Carcinogenicity - rat -Inhalation

Tumorigenic:Carcinogenic by RTECS criteria. Endocrin: Tumors.

Limited evidence of carcinogenicity in animal studies.

IARC: 2B-Group 2G: Possibly carcinogenic to humans (Methylene Chloride)  
 NTP: Reasonable anticipated to be a human carcinogen (Methylene Chloride)

**Reproductive Toxicity:**

No data available.

**Teratogenicity:****Specific Target Organs Toxicity- Single Exposure (GHS)**

No data Available.

**Specific Target Organs Toxicity- repeated Exposure (GHS)**

No data Available.

**Aspiration Hazard:**

No data available.

**Potential Health Effects:**

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** Harmful if swallowed.

**Skin:** Harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Signs and Symptoms of Exposure:**

Dichloromethane is metabolized in the body producing carbon monoxide which increases and sustains carboxyhemoglobin levels in the blood, reducing the oxygen-carrying capacity of the blood. Dizziness, Prolonged or repeated contact with skin may cause:, deflating, Dermatitis, Contact with eyes can cause:, Redness, Blurred vision, Provokes tears., Effects due to ingestion may include:, Gastrointestinal discomfort, Central nervous system depression, Paresthesia:, Drowsiness, Convulsions, Conjunctivitis., Pulmonary edema. Effects may be delayed., Irregular breathing., Stomach/intestinal disorders, Nausea, Vomiting, Increased liver enzymes., Weakness, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material., Abdominal pain.

**Synergistic Effects:** No data available

**Additional Information:**

RTECS: PA8050000

**SECTION 12 - ECOLOGICAL INFORMATION**
**Toxicity:**

Toxicity to fish	LC50 - Carassius auratus (Goldfish) - 4 mg/l - 24 h LC50 - Tilapia mossambica - 375 mg/l - 96.0 h
Toxicity to daphnia	LC50 - Daphnia magna (Water flea) - 150 mg/l - 48 h and other aquatic invertebrates.

**Persistence and Degradability:**

No data available

**Bioaccumulative Potential:**

Indication of bioaccumulation.

**Mobility in Soil:**

No data available

**PBT and vPvB Assessment:**

No data available

**Other Adverse Effects:****SECTION 13 - DISPOSAL CONSIDERATIONS****Product:**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated Packaging:**

Dispose of as unused product.

**SECTION 14 - TRANSPORTATION INFORMATION****DOT (US):**

DOT PROPER SHIPPING NAME: UN1993, Combustible liquid, toxic, n.o.s., (Di-Acetone Alcohol, Dichloromethane)  
Class 3, (6.1) PG III

DOT Hazard Class (CFR): 2

Additional Hazard Class (CFR): 6.1 Packing Group: III

Reportable Quantity (RQ) 1000 lbs.

Marine Pollutant: No

Poison Inhalation Hazard: No

**IMDG:**

PROPER SHIPPING NAME: UN1993, Combustible liquid, toxic, n.o.s., (Di-Acetone Alcohol, Dichloromethane) Class  
3, (6.1) PG III

Hazard Class (CFR): 2

Additional Hazard Class (CFR): 6.1 Packing Group: III

Reportable Quantity (RQ) 1000 lbs.

Marine Pollutant: No

Poison Inhalation Hazard: No

**IATA:**

PROPER SHIPPING NAME: UN1993, Combustible liquid, toxic, n.o.s., (Di-Acetone Alcohol, Dichloromethane) Class  
3, (6.1) PG III

Hazard Class (CFR): 2

Additional Hazard Class (CFR): 6.1 Packing Group: III

Reportable Quantity (RQ) 1000 lbs.

Marine Pollutant: No

Poison Inhalation Hazard: No

<b>SECTION 15 - REGULATORY INFORMATION</b>
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**\*\*This chemical / product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.**

**OSHA Hazards**

Carcinogen, Combustible Liquid, Target Organ Effect, Harmful by ingestion, Irritant.

**SARA 302 Components:**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III Section 302.

**SARA 313 Components:**

SARA SECTION 313: The following components are subject to reporting levels established by SARA Title III Section 313.

Dichloromethane

**SARA 311/312 Hazard :**

Fire Hazard, Acute Health Hazard, Chronic Health hazard.

<b>SARA TITLE III INGREDIENTS:</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>WT%</b>	<b>Reg. Section</b>	<b>RQ (lbs)</b>
Dichloromethane	75-09-2	200-838-9	73-84%	311,312,313,RCRA	1,000

**EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):**

	<b>CAS #</b>	<b>EINECS #</b>	<b>EPCRA RQ's</b>	<b>Threshold Planning Quantity (TPQ's)</b>
Dichloromethane	75-09-2	200-838-9	Not Listed	Not Listed

Any release equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in the 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State and local

**Massachusetts Right to Know Components:**

	<b>CAS #</b>	<b>Revision Date</b>
Dichloromethane	75-09-2	4/14/2022
DI-Acetone Alcohol	123-42-2	

**Pennsylvania Right to Know Components:**

	<b>CAS #</b>	<b>Revision Date</b>
Dichloromethane	75-09-2	4/14/2022
DI-Acetone Alcohol	123-42-2	

**New Jersey Right to Know Components:**

	<b>CAS #</b>	<b>Revision Date</b>
Dichloromethane	75-09-2	4/14/2022
DI-Acetone Alcohol	123-42-2	

**The components of this product are reported in the following inventories:**

Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS) Inventory of Chemical Substances (ISHL)	Yes Yes
Korea	Existing Chemicals List (ECL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

**California Prop. 65 Components:**

WARNING: This product contains chemicals known to the state of California to cause cancer.  
Dichloromethane CAS #75-09-2  
For more information, go to "www.P65Warnings.ca.gov."

<b>SECTION 16 - OTHER INFORMATION</b>
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HMIS RATINGS - HEALTH: 2    FLAMMABILITY: 2    REACTIVITY: 0

REASON FOR REVISION: To Correct MSDS Number/Change OSHA Hazcom Information

HAP less water, less exempt solvent: 9.36 # Per Gal.

VOC less water, less exempt solvent: 1.04 # Per Gal.

**Product Shelf Life: 12 Months from the date of Mfg. in an unopened sealed container.**

**Disclaimer**

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