



SAFETY DATA SHEET

SECTION 1 — IDENTIFICATION

Product identifier: AlbaChem® Premium Flash Adhesive
Product Number: 1786
Recommended Use: Adhesive
Recommended Restrictions: None known

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
 Long Island City, New York
 United States
 11106
 718-392-6272

5439 San Fernando Road West
 Los Angeles, California
 United States
 90039
 818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300
 (For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

IMPORTANT: Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

SECTION 2 — HAZARD(S) IDENTIFICATION

Physical hazards	Flammable aerosols	Category 1
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 1B
	Reproductive toxicity (fertility)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Not classified	
OSHA defined hazards	Not classified	

Label elements



Signal word

Danger

Hazard statement

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated and wash before reuse. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise Classified (HNOC)	None known
Supplemental information	None

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	10-20
Cyclohexane		110-82-7	10-20
Dimethyl Ether		115-10-6	10-20
n-Hexane		110-54-3	10-20
1,1-Difluoroethane		75-37-6	2.5-10
2-Methylpentane		107-83-5	2.5-10
Butane		106-97-8	2.5-10
Propane		74-98-6	2.5-10
3-Methylpentane		96-14-0	1-2.5
Distillates (Petroleum)		64742-65-0	0.1-1
Solvent-dewaxed Heavy Paraffinic			
Other components below reportable levels			20-40

*Designates that a specific chemical identity and/or percentage or composition has been withheld as a trade secret.

SECTION 4 — FIRST AID MEASURES

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of

symptoms/effects, acute and delayed

nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

**Indication of immediate medium attention and special treatment needed
General information**

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned. Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable extinguishing media	Alcohol resistant foam. Dry powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized contains may explode when exposed to heat or flame.
Special protective equipment and precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protections, see Section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see Section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

SECTION 7 — HANDLING AND STORAGE

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container. Do not pierce or burn, even
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after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, spark, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hand thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

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

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS) Level 3 Aerosol.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

US. OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	STEL	3 ppm
	TWA	0.75 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetone (CAS 67-1)	PEL	2400 mg/m ³
		1000 ppm
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m ³
		300 ppm
n- Hexane (CAS 110-54-3)	PEL	1800 mg/m ³
		500 ppm
Propane 74-98-6)	PEL	1800 mg/m ³
		1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
2-Methylpentane (CAS 107-83-5)	STEL	1000 ppm
	TWA	500 ppm
3-Methylpentane (CAS 96-14-0)	STEL	1000 ppm
	TWA	500 ppm
Acetone (CAS 67-64-1)	STEL	750 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Butane (CAS 106-97-8)	TWA	500 ppm
	STEL	1000 ppm
Cyclohexane (CAS 110-82-7)	TWA	100 ppm
Dimethyl Ether (CAS 115-10-6)	Ceiling	0.3 ppm
n-Hexane (CAS 110-54-3)	TWA	50 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m ³ 250 ppm

Butane (CAS 106-97-8)	TWA	1900 mg/m ³ 800 ppm
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m ³ 300 ppm
Dimethyl Ether (CAS 115-10-6)	Ceiling TWA	0.1 ppm 0.016 ppm
n-Hexane (CAS 110-54-3)	TWA	180 mg/m ³ 50 ppm
Propane (CAS 74-98-6)	TWA	1600 mg/m ³ 1000 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

<u>Components</u>	<u>Type</u>	<u>Value</u>
1,1-Difluoroethane (CAS 75-37-6)	TWA	2700 mg/m ³ 1000 ppm
Dimethyl Ether (CAS 115-10-6)	TWA	1880 mg/m ³ 1000 ppm

Biological limit values**ACGIH Biological Exposure Indices**

<u>Components</u>	<u>Value</u>	<u>Determinant</u>	<u>Specimen</u>	<u>Sampling Time</u>
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-hexanedion without hydrolysis	Urine	*

* - For sampling details, please see the source document.

Exposure Guidelines**US – California OELs: Skin designation**

n-Hexane (CAS 110-54-3) Can be absorbed through the skin

US ACGIH Threshold Limit Values: Skin designation

n-Hexane (CAS 110-54-3) Can be absorbed through the skin

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other skin protection Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter/organic vapour cartridge or an air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Gas
Form	Aerosol
Color	Not available
Odor	Not available
Odor Threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	179.5°F (81.94°C) estimated
Flash point	-156.0°F (-104.4°C) PROPELLANT estimated
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	
Flammability limit-lower %	3.9% estimated
Flammability limit-upper %	9.8% estimated
Explosive limit-lower %	Not available
Explosive limit-upper %	Not available
Vapor pressure	119.76 psig @ 70F estimated
Vapor density	Not available
Relative density	Not available
Solubility(ies)	
Solubility (water)	Not available
Partition coefficient(n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Other information	
Specific gravity	0.672 estimated

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	This product is stable and non-reactive under normal conditions of use, storage and transport
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	Hazardous polymerization does not occur
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluoride. Chlorine
Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11 — TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia
Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Symptoms related to the	May cause drowsiness and dizziness. Headache, Nausea, vomiting. Irritation of

physical, chemical and toxicological characteristics nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Components	Species	Test Results
1,1-Difluoroethane (CAS 75-37-6)		
Acute		
<i>Inhalation</i>		
LC50	Rat	44-437500%, 4 hours
Acetone (CAS 67-64-1)		
Acute		
<i>Dermal</i>		
LD50	Guinea pig	>7426 mg/kg, 24 hours
	Rabbit	> 9.4 ml/kg, 24 hours
		> 7426 mg/kg, 24 hours
		> 9.4 ml/kg, 24 hours
		20 mg/kg
<i>Inhalation</i>		
LC50	Rat	55700 ppm, 3 hours
		132 mg/l, 3 hours
		50.1 mg/l
<i>Oral</i>		
LD50	Mouse	3000 mg/kg
	Rabbit	5340 mg/kg
	Rat	5800 mg/kg
		2.2 ml/kg
<i>Other</i>		
LD50	Mouse	1297 mg/kg
	Rat	5500 mg/kg
Butane (CAS 106-97-8)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 minutes
		52%, 120 minutes
	Rat	1355 mg/l
Cyclohexane (CAS 110-82-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 32880 mg/m ³ , 4 hours
		> 5540 ppm, 4 hours
Dimethyl Ether (CAS 115-10-6)		
Acute		
<i>Inhalation</i>		
NOEL	Rat	2 ppm, 6 hours
<i>Oral</i>		
LD50	Rat	460 mg/kg
Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic (CAS 64742-65-0)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg

			> 2000 mg/kg, 24 hours
<i>Oral</i>			
LD50	Rat		5000 mg/kg
n-Hexane (CAS 110-54-3)			
Acute			
<i>Dermal</i>			
LD50	Rabbit		> 2000 mg/kg, 4 hours > 5 ml/kg, 4 hours
<i>Inhalation</i>			
LC50	Rat		> 5000 ppm, 24 hours > 31.86 mg/l 73860 ppm, 4 hours
<i>Oral</i>			
LD50	Rat		24 ml/kg 24 g/kg
	Wistar rat		49 g/kg
Propane (CAS 74-98-6)			
Acute			
<i>Inhalation</i>			
LC50	Mouse		1237 mg/l, 120 minutes 52%, 120 minutes
	Rat		1355 mg/l 658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation
Serious eye damage/eye irritation	Causes serious eye irritation
Respiratory or skin sensitization	
Respiratory sensitization	Not available
Skin sensitization	This product is not expected to cause skin sensitization
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
	OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
	Not Listed
Reproductive toxicity	Suspected of damaging fertility
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness
Specific target organ toxicity - repeated exposure	Respiratory system. Skin. Central nervous system. Eyes. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects		
Components	Species	Test Results	
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6-23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, Donaldson trout (Oncorhynchus mykiss)	4740-06330 mg/l, 96 hours

Cyclohexane (CAS 110-83-7)

Aquatic

Fish	LC50	Fathead minnow (Pimephales promelas)	23.03-42.07 mg/l, 96 hours
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Dimethyl Ether (CAS 115-10-6)

Aquatic

Crustacea	EC50	Water flea (Daphnia pulex)	4.3 – 7.8 mg/l, 48 hours
Fish	LC50	Striped bass (Morone saxatilis)	10.302-16.743 mg/l, 96 hours

Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic (CAS 64742-65-0)

Aquatic

Crustacea	EC50	Daphnia	1000.0001 mg/l, 48 hours
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n-Hexane (CAS 110-54-3)

Aquatic

Fish	LC50	Fathead minnow (Pimephales)	2.101-2.981 mg/l, 96 hours
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* Estimates for product may be based on additional component data not shown.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available

Partition coefficient n-octanol/water (log Kow)

1,1-Difluoroethane	0.75
2-Methylpentane	3.74
3-Methylpentane	3.6
Acetone	-0.24
Butane	2.89
Cyclohexane	3.44
Dimethyl Ether	0.1
n-Hexane	3.9
Propane	2.36

Mobility in soil

No data available

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/waste supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1)	U002
Cyclohexane (CAS 110-82-7)	U056

Waste from residue/unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do no re-use empty containers.

SECTION 14 — TRANSPORT INFORMATION**DOT**

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk-	
Label(s)	2.1
Packaging group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the “Consumer Commodity – ORM-D” marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the “Consumer Commodity ORM-D” marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk-	
Label(s)	2.1
Packaging group	Not applicable
Environmental hazards	Yes
ERG code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	
Marine pollutant	Yes
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk	Not applicable
According to Annex H of MARPOL 73/78 and the IBC Code	

DOT



IATA: IMDG



Marine Pollutant



General information

IMDG Regulated Marine Pollutant

SECTION 15 — REGULATORY INFORMATION

US FEDERAL REGULATIONS This product is a “Hazardous Chemical:” as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)	Listed
Cyclohexane (CAS 110-82-7)	Listed
n-Hexane (CAS 110-54-3)	Listed

SARA 304 Emergency release notification

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard – Yes
	Delayed Hazard – Yes
	Fire Hazard – Yes
	Pressure Hazard – No
	Reactivity Hazard – No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
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Phenol	108-95-2	1000		500 lbs	10000 lbs
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SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

<u>Chemical name</u>	<u>CAS number</u>	<u>% by wt.</u>
Cyclohexane	110-82-7	10 – 20

n-Hexane	110-54-3	10 – 20
Ethyl Benzene	100-41-4	0.01 – 0.1
Styrene	100-42-5	0.01 – 0.1

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

n-Hexane (CAS 110-54-3)

Clean Air Act (CAA Section 112® Accidental Release Prevention (40 CFR 68.130)

1,1-Difluoroethane (CAS 75-37-6)

Butane (CAS 106-97-8)

Dimethyl Ether (CAS 115-10-6)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (32 CFR 1310.02 (b) and 1310.04(f)(2) and Chemical Code Number**

Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA) List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12©)

Acetone (CAS 67-64-1) 35% WV

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532

US state regulations**US. Massachusetts RTK – Substance List**

1,1-Difluoroethane (CAS 75-37-6)

2-Methylpentane (CAS 107-83-5)

3-Methylpentane (CAS 96-14-0)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Law

1,1-Difluoroethane (CAS 75-37-6)

2-Methylpentane (CAS 107-83-5)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

2-Methylpentane (CAS 107-83-5)

3-Methylpentane (CAS 96-14-0)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. Rhode Island RTK

1,1-Difluoroethane (CAS 75-37-6)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US – California Proposition 65 – CRT: Listed date/Carcinogenic substance

Ethyl Benzene (CAS 100-41-4)

Listed June 11,2004

International Inventories

Country(s) or region	Inventory name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	No
US *& Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	Yes

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s)

SECTION 16 — OTHER INFORMATION

Issue Date 04-15-2015
Prepared by Albatross USA, Inc.
Telephone number 718-392-6272

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Revision Information Product and Company Identification, Alternate Trade Names
GHS: Classification