



SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier: AlbaChem® Dri-Web Orange Foam Adhesive Spray

Product Number: 1775

Date Prepared: 05/15/2015

Manufacturer's name and address: Refer to supplier

Supplier name and address:

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, customers, and users of this product.

SECTION 2 — HAZARD IDENTIFICATION

Emergency Overview

Appearance	: Aerosol containing a liquefied gas
Colour	: orange
Odour	: solvent-like

GHS Classification

Flammable aerosols : Category 1
Gases under pressure : Liquefied gas
Skin irritation : Category 2
Eye irritation : Category 2A
Specific target organ toxicity single exposure : Category 3 (Central nervous system)

GHS Label element

Hazard pictograms:



Signal word	: Danger
Hazard statements	: H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	: 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 dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear eye protection/ face protection. P280 Wear protective gloves. Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: 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. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Disposal: P501 Dispose of contents/container in accordance with local regulation.

Potential Health Effects

Carcinogenicity:

IARC is	No component of this product present at levels greater than or equal to 0.1% identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH is	No component of this product present at levels greater than or equal to 0.1% identified as a carcinogen or potential carcinogen by ACGIH.
OSHA is	No component of this product present at levels greater than or equal to 0.1% identified as a carcinogen or potential carcinogen by OSHA.
NTP is	No component of this product present at levels greater than or equal to 0.1% identified as a known or anticipated carcinogen by NTP.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No	Concentration [%]
Propane	74-98-6	> = 20 - < 30
Acetone	67-64-1	> = 20 - < 30
Butane	106-97-8	> = 10 - < 20
Heptane, Branched, Cyclic and Linear	426260-76-6	> = 10 - < 20
Methyl Acetate	79-20-9	> = 5 - < 10

SECTION 4 — FIRST AID MEASURES

General advice	: Do not leave the victim unattended.
If inhaled	: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. Wash off immediately with plenty of water for at least 15 minutes.
In case of eye contact	: Remove contact lenses. Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical Water spray jet
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Do not allow run-off from firefighting to enter drains or water courses.
Hazardous combustion products	: Carbon dioxide (CO ₂) Carbon monoxide Smoke
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	: Standard procedure for chemical fires.

: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions protective equipment and emergency procedures	: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions	: Prevent further leakage or spillage. Clean contaminated floors and objects thoroughly while observing environmental regulations.
Methods and materials for containment up and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

SECTION 7 — HANDLING AND STORAGE

Advice on safe handling	: Avoid exposure - obtain special instructions before use. For personal protection see section 8. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Do not breathe vapours or spray mist. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Always replace cap after use.
Conditions for safe storage	: BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Keep in a cool, well-ventilated place.
Materials to avoid	: Oxidizing agents

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameter

Components	CAS-No	Value type (Form of Exposure)	Control parameters/ Permissible Concentration	Basis
Propane	74-98-6	TWA	1,000 PPM	ACGIH
		TWA	1,000 PPM 1,800 MG/M3	NIOSH REL
		TWA	1,000 PPM	OSHA Z-1

			1,800 MG/M3	
		TWA	1,000 PPM 1,800 MG/M3	OSHA P0
Acetone	67-64-1	TWA	500 PPM	ACGIH
		STEL	750 PPM	ACGIH
		TWA	250 PPM 590 MG/M3	NIOSH REL
		TWA	1,000 PPM 2,400 MG/M3	OSHA Z-1
		TWA	750 PPM 1,800 MG/M3	OSHA P0
		STEL	1,000 PPM 2,400 MG/M3	OSHA P0
Butane	106-97-8	TWA	800 PPM 1,900 MG/M3	NIOSH REL
		TWA	800 PPM 1,900 MG/M3	OSHA P0
Heptane, Branched, Cyclic and Linear	426260-76-6	TWA	85 PPM 350 MG/M3	NIOSH REL
		C	440 PPM 1,800 MG/M3	NIOSH REL
		TWA	500 PPM 2,000 MG/M3	OSHA P0
		STEL	500 PPM 2,000 MG/M3	OSHA P0
Methyl Acetone	79-20-9	TWA	200 PPM	ACGIH
		STEL	250 PPM	ACGIH
		TWA	200 PPM 610 MG/M3	NIOSH REL
		ST	250 PPM 760 MG/M3	NIOSH REL
		TWA	200 PPM 610 MG/M3	OSHA Z-1
		TWA	200 PPM 610 MG/M3	OSHA P0
		STEL	250 PPM 760 MG/M3	OSHA P0

Biological occupational exposure limits

Component	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-PROPANONE	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	50 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection

: In case of insufficient ventilation, wear suitable respiratory equipment.

: Skin should be washed after contact. For prolonged or repeated contact use protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Safety glasses
Ensure that eyewash stations and safety showers are close to the workstation location.

Skin and body protection

: impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: General industrial hygiene practice.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: Aerosol containing a liquefied gas

Color

: orange

Odor

: solvent-like

Odor Threshold

: no data available
no data available

pH

: not applicable

Melting point/freezing point

: no data available

Boiling point

: no data available

Flash point

: not applicable

Evaporation rate

: no data available

Flammability (solid, gas)

: Extremely flammable aerosol.

Upper explosion limit

: no data available

Lower explosion limit

: no data available

Vapor pressure

: no data available
no data available

Relative vapor density

: no data available

Density

: 0.840 g/cm³

Solubility (ies)

Water solubility

: insoluble

Partition coefficient: noctanol/water

: no data available

Auto-ignition temperature

: not determined

Thermal decomposition

: no data available

Viscosity, kinematic : no data available

Heat of combustion : 41.47 kJ/g

SECTION 10 — STABILITY AND REACTIVITY

Reactivity : Stable

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Heat, Flame and Sparks. Extremes of temperature and direct sunlight

Hazardous decomposition products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11 — TOXICOLOGICAL PROPERTIES

Acute toxicity

no data available

Skin corrosion/irritation

Product:

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Product:

Remarks: Eye irritation

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

propane:

acetone:

butane:

Heptane, branched, cyclic and linear:

methyl acetate:

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

Further information**Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

Remarks: no data available

SECTION 12 — ECOLOGICAL INFORMATION**Eco toxicity**

no data available

Persistence and degradability

no data available

Bio accumulative potential**Product:**

Partition coefficient: noctanol/water

: Remarks: no data available

Components:

butane :

Partition coefficient: noctanol/water

: Pow: 2.89

Mobility in soil

no data available

Other adverse effects

no data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A+ B).

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

SECTION 13 — DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues

: Dispose of in accordance with local regulations.

Contaminated packaging
for

: Empty containers should be taken to an approved waste handling site recycling or disposal.

SECTION 14 — TRANSPORTATION INFORMATION

Transportation Regulation: 49 CFR (USA):
ORM-D, CONSUMER COMMODITY

Transportation Regulation: IMDG (Vessel):
UN1950, AEROSOLS, 2.1, - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN1950, Aerosols, flammable, 2.1, - Limited quantity

Transportation Regulation: IATA (Passenger Air):
UN1950, Aerosols, flammable, 2.1, - Limited quantity

Transportation Regulation: TDG (Canada):
UN1950, AEROSOLS, 2.1, - Limited quantity

SECTION 15 — REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
acetone	67-64-1	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

: Fire Hazard
Sudden Release of Pressure Hazard Acute Health Hazard

SARA 302

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

SARA 313

: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

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

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

TSCA

On TSCA Inventory

DSL

All components of this product are on the Canadian DSL.

AICS

Not in compliance with the inventory

NZIoC

Not in compliance with the inventory

PICCS

On the inventory, or in compliance with the inventory

IECSC

Not in compliance with the inventory

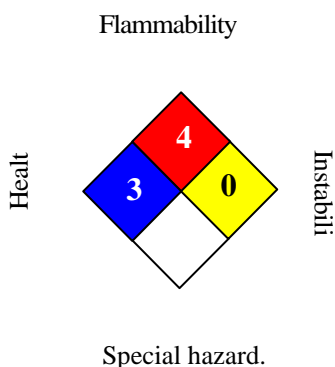
Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16 — OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	4
PHYSICAL HAZARD	2

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Hazard pictograms :



Signal word :

Danger:

Hazard statements :

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.
 Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statements :

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source.
 Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/ fume/ gas/ mist/vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/ face protection. Wear protective gloves.

ventilated

Response: IF ON SKIN: Wash with plenty of soap and water. IF INHALED: 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

minutes.

Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.
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 regulation

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