

Material Safety Data Sheet

May be used to Comply with OSHA
Hazard Communication Standard,
29 CFR 1910.1200(q). Standard must be
Consulted for specific requirements

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that

Identity (As Used On Label and List)
A1010 T-Ease

Date Prepared:
02-06-2013

Section 1 ~ Identification

Manufactured for:
OMEGA INDUSTRIAL SUPPLY, INC

Emergency Telephone Number:
1-800-424-9300

Address (Number, Street, Suite/Apt#)
101 Grobric Ct #1

Telephone Number for Information:
1-800-571-7347

(City, State, and Zip Code)
Fairfield, CA 94534

Signature of Prepare (Optional)
REGULATORY DEPT.

Section 2 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA TWA	STEL	ACGIH-TWA	STEL	%(Wt.)
Propane	74-98-6	1000 ppm	N/E	1000 ppm	N/E	20 - 30
n-Butane	106-97-8	-	N/E	1000 ppm	N/E	20 - 30
Aliphatic Petroleum Solvent	64742-89-8	-	N/E	-	-	20 - 30
Acetone	67-64-1	1000 ppm	N/E	500 ppm	750 ppm	10 - 15
Ethyl Alcohol	64-17-5	1000 ppm	N/E	1000 ppm	1000 ppm	3 - 5
None-hazardous and other components below reportable levels						2.5 - 10

Section 3 ~ Hazard(s) Identification

Emergency Overview: Aerosol. EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Will be easily ignited by heat, spark or flames. Irritating to respiratory system. Prolonged exposure may cause chronic effects.

Route(s) of Entry: Inhalation, ingestion, skin contact.

Eyes—Health injuries are not known or expected under normal use. Eye contact may result in corneal injury.

Skin—Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation—Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system. Prolonged inhalation may be harmful.

Ingestion—Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

Health Hazards (Chronic) – Unconsciousness. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. Prolonged skin contact may defat the skin and produce dermatitis.

Section 4 ~ First Aid Measures

Eyes—Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Skin—Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists.

Inhalation—Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

Ingestion — If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Note to physician — Symptoms may be delayed.

Section 5 ~ Fire Fighting Measures

Flash Point (Method Used):	-156°F propellant	Flammability (HOC)	37.9416 kJ/g estimated	LEL:	-	UEL:	-
-----------------------------------	-------------------	---------------------------	------------------------	-------------	---	-------------	---

Flammable Properties – Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

Extinguishing Media – Alcohol foam, dry chemical, carbon dioxide (CO2). Do not use water jet.

Specific hazards arising from the chemical ó Fire may produce irritating, corrosive and/or toxic gases.

Protective equipment and precautions for firefighters ó In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Section 6 ~ Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled –

Methods for containment: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area) Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas. **Methods for cleaning:** Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. Avoid dust formation.

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing –

Handling: Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Use only with adequate ventilation. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure. Level 3 Aerosol. **Storage:** Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep out of the reach of children. Do not store, incinerate, or heat this material above 120°F.

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc

Section 8 ~ Exposure Controls/Personal Protection

Respiratory Protection (Specify Type) –If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Skin Protection – Protective gloves.	Eye Protection – Wear chemical goggles.	Other protective Clothing or Equipment – Wear appropriate chemical resistant clothing.
--	---	--

Section 9 ~ Physical Chemical Properties

Boiling Point	77°F estimated	Specific Gravity (H₂O = 1) Concentrate	0.6265 estimated
Pressure (psig) @ 70°F	55-70	Melting Point	-
Density	0.6264 g/cm ³ estimated	Evaporation Rate (Butyl Acetate = 1)	-

Solubility in Water	Partially	pH	N/A
Appearance and Odor Compressed liquefied gas, tan, odor unknown.		VOC%	-

Section 10 ~ Stability and Reactivity

Stability: Risk of ignition.	Conditions to Avoid Heat, flame and sparks.	Hazardous Polymerization: Will not occur.
-------------------------------------	--	--

Incompatibility (Materials to Avoid) – N/A**Hazardous Decomposition or Byproducts** No hazardous decomposition products are known**Section 11 ~ Toxicological Information**

Acute Effects: Acute LD50: 12472 mg/kg estimated, Rat, Dermal Acute LC50: 340 mg/l/4h estimated, Rat, Inhalation.

Component analysis of LD50

Toxicology Data of Selected LD50s and LC50s

Acetone	67-64-1	Oral LD50 Rat 5800 mg/kg
Aliphatic Petroleum Solvent	64742-89-8	Oral LD50 Mouse 5000 mg/kg; Dermal LD50 Rabbit 3000 mg/kg
Ethyl Alcohol	64-17-5	
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

Sensitization: Not expected to be hazardous by OSHA criteria.

Carcinogenicity

IARC Group 1 (Carcinogenic to Humans)

Ethyl Alcohol 64-17-5 Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages).

Teratogenicity: Not expected to be hazardous by OSHA criteria.

Section 12 ~ Ecological Information

Ecotoxicity: Components of this product have been identified as having potential environmental concerns. LC50 31781 mg/L estimated, Fish, 96:00 hours, EC50 74496 mg/L estimated, Daphnia, 48.00 hours, IC50 21311 mg/L estimated, Algae, 72.00 hours.

Section 13 ~ Disposal Considerations**Waste Disposal Method** — Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.**Section 14 ~ Transport Information**

US Department of Transportation		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols, flammable
Hazard Class:	2.1	Hazard Class:	2.1	Hazard Class:	2.1
UN Number:	UN1950	UN Number:	1950	UN Number:	1950
Special Provisions	153, N82	Packing Exceptions:	Ltd. Qty	Packing Exceptions:	Ltd. Qty
Packing Exceptions:	Ltd. Qty	Labels Required	None	Label Required:	None
Packaging non bulk:	None	Transport Category	2	-	-

Further Information: This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12-31-2013, the Consumer Commodity ORM-D6 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 12-31-13 and may be used now in place of the Consumer Commodity ORM-D6 marking and both may be displayed concurrently.

Section 15 ~ Regulatory Information

U.S. Federal Regulations: This product is a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

OSHA (Occupational Safety and Health Administration): 29 CFR 1910.1200 hazardous chemical, Yes.

TSCA (Toxic Substance Control Act): All Chemicals are listed.

CERCLA (Comprehensive Response Compensation, and Liability Act): Acetone: 5000.0000

SARA TITLE III (Superfund Amendments and Reauthorization Act 1986):

Hazard Categories: *Immediate Hazard*, Yes. *Delayed Hazard*, Yes. *Fire Hazard*, Yes. *Pressure Hazard*, Yes. *Reactivity Hazard*, No.

Section 302 Extremely Hazardous Substance: No

Section 311 Hazard Chemical: Yes.

Inventory Status

Country(s) or region	Inventory Name	On inventory (Yes/No)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (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
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

State Regulations: WARNING: This product contains a chemical known to the State of California to cause cancer.**U.S. Pennsylvania – RTK (Right to Know) List**

Acetone	67-64-1	Environmental hazard
Aliphatic Petroleum Solvent	64742-89-8	Present
Ethyl Alcohol	64-17-5	Present
n-Butane	106-97-8	Present
Propane	74-98-6	Present

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	-	1*	4= Severe
FLAMMABILITY	-	4	3= Serious
REACTIVITY/PHYSICAL HAZARD	-	0	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.