

Section 1 ~ Identification

Identity (As Used On Label and List) A1315 REVIVE	Date Prepared: 03/26/14
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27 TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications

Physical hazards Flammable aerosols Category 1

Health hazards Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
Aspiration hazard Category 1

OSHA defined hazards Not classified.

Label Elements



Signal Word: DANGER

Hazard Statement

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 2
Hazardous to the aquatic environment, long-term hazard Category 2

Supplemental information

Hazard statement Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Prevention Avoid release to the environment.

Response Collect spillage.

51.75% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 51.75% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Precautionary Statement

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.

Prevention 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. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye/face protection.

Response If swallowed: Immediately call a poison center/doctor. 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. Call a poison center/doctor if you feel unwell. Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention.

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.

Other Hazards

Not classified.

Unknown acute toxicity (GHS US)

N/A

Section 3 ~ Composition/Information on Ingredients

Mixtures

<u>Hazardous components</u>	<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS number</u>	<u>%</u>
Distillates (Petroleum), Hydrotreated Light			64742-47-8	20 - 40
Acetone			67-64-1	10 - 20
Propane			74-98-6	10 - 20
Methyl Acetate			79-20-9	2.5 - 10
Other components below reportable levels				20 - 40

*Designates that a specific chemical identity and/or percentage of 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: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

Most important symptoms/effects, acute and delayed: Irritation of eyes and mucous membranes. May cause drowsiness or dizziness.
Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically.
General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 ~ Firefighting Measures

Suitable extinguishing media: Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO₂).

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 container 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. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor 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 container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

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 personal protective equipment. 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 protection, see section 8 of the MSDS.

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. Collect spillage. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.

Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Section 7 ~ Handling and Storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even 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, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Do not empty into drains.

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. Store away from incompatible materials (see Section 10 of the MSDS). Level 3 Aerosol.

Section 8 ~ Exposure Controls/Personal Protection

Occupational exposure limits

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

<u>Components</u>	<u>Type</u>	<u>Value</u>
Acetone (CAS 67-64-1)	PEL	2400 mg/m ³ 1000 ppm
Methyl Acetate (CAS 79-20-9)	PEL	610 mg/m ³
Propane (CAS 74-98-6)	PEL	200 ppm 1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

<u>Components</u>	<u>Type</u>	<u>Value</u>
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

<u>Components</u>	<u>Type</u>	<u>Value</u>
Acetone (CAS 67-64-1)	TWA	590 mg/m ³ 250 ppm
Methyl Acetate (CAS 79-20-9)	STEL	760 mg/m ³ 250 ppm
	TWA	610 mg/m ³ 200 ppm
Propane (CAS 74-98-6)	TWA	1800 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	*

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

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. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Hand protection: Wear protective gloves.

Other: Wear appropriate chemical resistant clothing.

Respiratory protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor 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

Color: Not available.

Form: Aerosol.

Physical state: Gas.

Flash point: -156.00 °F (-104.44 °C) Propellant estimated

Melting point/freezing point: Not available.

Odor: Not available.

pH: Not available.

Solubility(ies): Not available.

Vapor density: Not available.

Vapor pressure: 45 - 65 psig @70F estimated

Viscosity: Not available.

Section 10 ~ Stability and Reactivity

Reactivity: Strong oxidizing agents.

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.

Hazardous decomposition products: No hazardous decomposition products are known.

Section 11 ~ Toxicological Information

Information on likely routes of exposure

Ingestion: May be fatal if swallowed and enters airways.

Inhalation: May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects.

Skin contact: Not available.

Eye contact: Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Information on toxicological effects

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

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
Stainless Steel Polish & Cleaner (CAS Mixture)		
Acute		
<i>Inhalation</i>		
LC50	Rat	584.6154 mg/l, 4 Hours, estimated
Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	20000 mg/kg 20 ml/kg
<i>Inhalation</i>		
LC50	Rat	76 mg/l, 4 Hours 50.1 mg/l, 8 Hours

<u>Components</u>	<u>Species</u>	<u>Test Results</u>
<i>Oral</i> LD50	Mouse Rabbit Rat	3000 mg/kg 5340 mg/kg 5800 mg/kg
<i>Other</i> LD50	Mouse Rat	1297 mg/kg 5500 mg/kg
Methyl Acetate (CAS 79-20-9) Acute		
<i>Dermal</i> LD50	Rat	4997 mg/kg
<i>Inhalation</i> LC50	Rat	3961 mg/l/4h
<i>Oral</i> LD50	Rabbit	3.7 g/kg
Propane (CAS 74-98-6) Acute		
<i>Inhalation</i> LC50	Rat	> 1442.847 mg/l, 15 Minutes 658 mg/l/4h

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

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

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.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure: Narcotic effects.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: May be fatal if swallowed and enters airways.

Chronic effects: Prolonged inhalation may be harmful.

Section 12 ~ Ecological Information

Ecotoxicity: Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
Wood Polish & Cleaner (CAS Mixture)		
Algae IC50	Algae	1283.3676 mg/L, 72 Hours, estimated
Crustacea EC50	Daphnia	8543.2627 mg/L, 48 Hours, estimated
Fish LC50	Fish	8.2061 mg/l, 96 hours, estimated
Components		
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 - 6330 mg/l, 96 hours
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Aquatic		
Fish LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
Methyl Acetate (CAS 79-20-9)		
Algae IC50	Algae	120 mg/L, 72 Hours
Crustacea EC50	Daphnia	1018 mg/L, 48 Hours
Fish LC50	Fish	320 mg/L, 96 Hours
Aquatic		
Fish LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours

* 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)

Methyl Acetate	0.18
Acetone	-0.24
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/water 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

Waste from residues / 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: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 ~ Transportation Information

DOT

UN number: UN1950

UN proper shipping name: Aerosols, flammable

Transport hazard class(es): 2.1

Subsidiary class(es): Not available.

Packing group: Not available.

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Labels required: None

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): 2.1

Subsidiary class(es): -

Packaging group: Not available.

Environmental hazards: Yes

Labels required: 2.1

ERG Code: 10L

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions: LTD QTY

IMDG

UN number: UN1950

UN proper shipping name: AEROSOLS, MARINE POLLUTANT

Transport hazard class(es): 2.1

Subsidiary class(es): -

Packaging group: Not available.

Environmental hazards Marine pollutant: Yes

Labels required: None

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 according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

DOT



IATA; IMDG



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

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

SARA 304 Emergency release notification: Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance: No

SARA 311/312 Hazardous chemical: No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated.

Drug Enforcement Administration (DEA), List 2, Essential Chemicals (21 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(c))

Acetone (CAS 67-64-1) 35 % weight/volume

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532

Food and Drug Administration (FDA): Not regulated.

US state regulations**US. New Jersey Worker and Community Right-to-Know Act**

Propane (CAS 74-98-6) 500 lbs

US. Pennsylvania RTK - Hazardous Substances

Acetone (CAS 67-64-1)

Methyl Acetate (CAS 79-20-9)

Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

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

*A "Yes" indicates this product complies 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

Disclaimer: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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.