



GHS SAFETY DATA SHEET

WELD-ON® C-65™ Low VOC Cleaner for Plastic Pipe

Date Revised: APR 2020
Supersedes: DEC 2019

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® C-65™ Low VOC Cleaner for Plastic Pipe
PRODUCT USE: Low VOC Cleaner for Plastic Pipe (PVC, CPVC, ABS and Styrene)
RESTRICTIONS ON USE: No relevant information available
SUPPLIER: **MANUFACTURER:** IPS Corporation
 17109 South Main Street, Gardena, CA 90248-3127
 P.O. Box 379, Gardena, CA 90247-0379
 Tel. 1-310-898-3300 Email: EHSinfo@ipscorp.com
EMERGENCY: Transportation: CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International) **Medical:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute Toxicity: Category 2 Skin Irritation: Category 3 Skin Sensitization: NO Carcinogenicity: Category 4 Eye Irritation: Category 2 STOT-Single Exposure Central nervous system: Category 3	Acute Toxicity: None Known Chronic Toxicity: None Known	Flammable Liquid Category 2



Signal Word: Danger

Hazard Statements	Precautionary Statements
H225: Highly flammable liquid and vapor H319: Causes serious eye irritation H336: May cause drowsiness or dizziness	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P233 + P403: Keep container tightly closed. Store in a well-ventilated place. P240 + P241: Ground/bond container and receiving equipment. Use explosion-proof equipment. P242 + P243: Use only non-sparking tools. Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapors/spray P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P501: Dispose of contents/ container to an approved waste disposal plant.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/Medical Attention P331: Do NOT induce vomiting. P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].	Response P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+313: IF exposed or concerned: Get medical advice/attention.

Physical Hazards Not Otherwise Classified (PNOC): May form explosive peroxides

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS	EINECS	REACH Registration Number	CONCENTRATION % by Weight
Acetone	67-64-1	200-662-2	01-2119471330-49-0000	75 - 100
Cyclohexanone	108-94-1	203-631-1	01-2119453616-35-0000	2 - 15

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.
* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).
indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media: Water spray or stream.	Health 2	2	1-Slight
Exposure Hazards: Inhalation and dermal contact	Flammability 3	3	2-Moderate
Combustion Products: Oxides of carbon and smoke	Reactivity 0	0	3-Serious
Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline masks.	PPE B		4-Severe

Safety Glasses and Gloves

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away from heat, sparks and open flame.
Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.
Prevent contact with skin or eyes (see section 8).
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.
Materials not to be used for clean up: Aluminum or plastic containers

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods.
Do not eat, drink or smoke while handling.
Storage: Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.
Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.
Follow all precautionary information on container label, product bulletins and solvent cementing literature.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH 8-hr TLV	ACGIH 15-min STEL	OSHA 8-hr PEL	OSHA 15 min STEL	OSHA PEL-Ceiling	CAL/OSHA 8-hr PEL	CAL/OSHA Ceiling	CAL/OSHA 15-min STEL
	Acetone	250 ppm	500 ppm	1000 ppm	N/E	N/E	500 ppm	3000 ppm	750 ppm
	Cyclohexanone	20 ppm	50 ppm	50 ppm	N/E	N/E	25 ppm	N/E	N/E

Engineering Controls: Use local exhaust as needed.
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.
Personal Protective Equipment (PPE):
Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.
Skin Protection: Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion.
Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, thin liquid	Odor Threshold:	0.88 ppm (Cyclohexanone)
Odor:	Ketone	Boiling Range:	56°C (133°F) to 156°C (313°F)
pH:	Not Applicable	Evaporation Rate:	> 1.0 (BUAC = 1)
Melting/Freezing Point:	-95°C (-139°F) Based on first melting component: Acetone	Flammability:	Category 2
Boiling Point:	56°C (133°F) Based on first boiling component: Acetone	Flammability Limits:	LEL: 1.1% based on Cyclohexanone UEL: 12.8% based on Acetone
Flash Point:	-20°C (-4°F) T.C.C. based on Acetone	Vapor Pressure:	190 mm Hg @ 20°C (68°F): Acetone
Specific Gravity:	0.794 @23°C (73°F)	Vapor Density:	>2.0 (Air = 1)
Solubility:	Solvent portion soluble in water.	Other Data: Viscosity:	Water-thin
Partition Coefficient n-octanol/water:	Not Available	Decomposition Temperature:	Not Applicable
Auto-ignition Temperature:	465°C (869°F): Acetone		
VOC Content:	When applied as directed, per SCAQMD Rule 1171, VOC content is: = 25 g/l.		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Heating may cause a fire

Stability: Stable

Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon and smoke.

Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.

Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye and Skin Contact

Acute symptoms and effects:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.

Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.

Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.

Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.

Chronic (long-term) effects: Defatting dermatitis with prolonged use. In humans, passes the placental barrier, detected in maternal milk. (Based on Acetone)
Repeated exposure may cause skin dryness and cracking

Health Hazards Not Otherwise Classified: This material may cause defatting and irritation of skin (Dermatitis) upon prolonged or repeated contact.

Respiratory or Skin Sensitization: Not Applicable

Carcinogenicity:	Not Established				
Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

Toxicity:	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
	Acetone 5800 mg/kg (rat) Cyclohexanone 1535 mg/kg (rat)	20000 mg/kg (rabbit) 948 mg/kg (rabbit)	50,100 mg/m3 (rat) 4 hrs. 8,000 PPM (rat)

Acute Toxicity	Category 2
Calculated (ATEs)	Acute (Oral) Toxicity: Category 2 Acute (Dermal) Toxicity: Category 2 Acute (Inhalation) Toxicity: Category 2

Specific Target Exposure Toxicity (Single Exposure):	Category	Route of Exposure	Affected Organs
	Acetone 3 Cyclohexanone N/E	Inhalation N/E	Central Nervous System N/E

Specific Target Exposure Toxicity (Repeated Exposure): No Data Available

Aspiration Hazard: Based on available data, the classification criteria are not met.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Acute Aquatic Toxicity	LC50 Fish	EC50 Crustacea	ErC50 Algae
	Pimephales promelas (fathead minnow); 96-hour	Daphnia magna (water flea); 48-hour	Desmodesmus subspicatus (algae); 72-hour; static
Acetone Cyclohexanone	No Data Available > 100 mg/L	7630 > 100 mg/L	No Data Available > 100 mg/L

Mobility in Soil: If released into the environment, this product can move rapidly through the soil.

Degradability: Does not degrade rapidly based on quantitative tests. (Tetrahydrofuran)

Bioaccumulation: This product and its degradation products are not known to bioaccumulate..

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Dispose of waste and containers in compliance with applicable Federal, State, and Local Regulations. Consult disposal expert. Do not reuse empty containers.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Flammable Liquid, n.o.s. (Acetone, Cyclohexanone)	EXCEPTION for Ground Shipping
Hazard Class: 3	DOT Limited Quantity: Up to 1L per inner packaging, 30 kg gross weight per package.
Secondary Risk: None	Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as ORM-D
Identification Number: UN 1993	TDG INFORMATION
Packing Group: PG II	TDG CLASS: FLAMMABLE LIQUID 3
Label Required: Class 3 Flammable Liquid	SHIPPING NAME: Flammable Liquid, n.o.s. (Acetone, Cyclohexanone)
Marine Pollutant: NO	UN NUMBER/PACKING GROUP: UN 1993, PG II

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant
F, Xi

Symbols:

Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)

Compliance Statement: This SDS was prepared to be in accordance with:
US OSHA Hazard Communication Standard 29 CFR 1910.1200 (Rev 2012)
Canadian Workplace Hazardous Materials Information System (WHMIS) 2015
European Regulation (EC) No (EU) 2015/830 on classification, labelling and packaging of substances and mixtures

SECTION 16 - OTHER INFORMATION

Specification Information:

Department issuing data sheet: IPS, Safety Health & Environmental Affairs
E-mail address: <EHSinfo@ipscorp.com>

Training necessary: Yes, training in practices and procedures contained in product literature.

Reissue date / reason for reissue: 4/3/2020 / Updated GHS Standard Format

Intended Use of Product: Cleaner for Plastic Pipe (PVC, CPVC, ABS and Styrene)

All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.