Q-SOLV CD 4414 SPECIALTY PLASTIC CLEANER

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Q-SOLV CD 4414 SPECIALTY PLASTIC CLEANER
Common Name: Cleaning Solvent
SDS Number: S0019
Product Code: QSOLVCD4414
Revision Date: 12/18/2025
Chemical Formula: Complex Mixture
Product Use: Cleaning Solvent

Supplier Details: Quill Hair & Ferrule LTD
1 Greengate Park Rd., P.O. Box 23927
Columbia, SC 29224

Contact: Deborah Millar
Phone: 1-803-788-4499
Fax: 1-803-736-4731
Email: dmillar@paint-info.com
Internet: www.qhfonline.com

24 Hours Emergency Number 1-800-535-5053 INFOTRAC ID#116017

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Physical, Flammable Liquids, 3
Health, Aspiration hazard, 1
Health, Acute toxicity, 5 Dermal
Health, Specific target organ toxicity - Single exposure, 3
Health, Specific target organ toxicity - Repeated exposure, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H313 - May be harmful in contact with skin
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 - Keep container tightly closed.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P370+378 - In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.
P202 - Do not handle until all safety precautions have been read and understood.
P270 - Do not eat, drink or smoke when using this product.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+313 - If skin irritation occurs: Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Target Organs: Eyes; Skin; Respiratory system; Central nervous system; Hematopoietic system; Blood; Kidneys; Liver; Lymphoid system
Inhalation: Anesthetic, may cause respiratory irritation and cns depression. Can cause irritation and inflammation of the respiratory tract. Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation, tearing and redness.

Eye Contact: May cause irritation.
Ingestion: Aspiration hazard: Harmful or fatal if swallowed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Range	Chemical Name	ACGIH TLV (PPM)	OSHA PEL (PPM)
67-63-0	76%	Isopropanol	200	400
123-42-2	20-25%	Diacetone alcohol	50	50

Chemical Ingredients:

CAS#	%	Chemical Name:
67-63-0	76%	Isopropanol
123-42-2	20-25%	Diacetone alcohol

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Promptly flush skin with water until all chemical is removed.Get medical attention if needed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.Get immediate medical attention.
Ingestion: Get prompt, qualified medical attention. Seek immediate medical attention DO NOT Induce vomiting.

5 FIRE FIGHTING MEASURES

Flammability: NFPA Class 1B Flammable Liquid
Flash Point: 57 DEGREES F
Flash Point Method: ASTM D93
Autoignition Temperature: 852 DEGREES F
Lower Explosive Limit: 2.5 %
Upper Explosive Limit: 12.0 %
Dry powder, water spray, dry chemical, carbon dioxide, alcohol foam. Do not use a solid stream of water since the stream will scatter and spread the fire. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

6 ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Absorb spill with inert material, then place in chemical waste container. Remove/Dispose of in a manner consistent with federal and local law. Do not use combustible materials, such as saw dust. Do not flush to sewer. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak and to flush spills away from exposures.

7 HANDLING AND STORAGE

Handling Precautions: Protect against physical damage.
Storage Requirements: Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing. Protect against physical damage. Outside or detached storage is preferred. Seperate from oxidizing materials. Containers should be bonded and grounded from transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Containers of the material may be hazardous when empty since they retain product residues (vapors,liquid); observe all warnings and precautions listed for the product.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	N/A
Personal Protective Equipment:	HMIS PP, K | Properly fitted air purifying or air-fed respirator, glove, suit, and boots. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. QHF recommends the use of a fresh air supply respirator.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid.		
Physical State:	Liquid	**Odor:**	Alcohol odor
Specific Gravity or Density:	.79	**Solubility:**	Miscible 100%
Boiling Point:	180F	**Percent Volatile:**	100%
Vapor Pressure:	3.3 mm/Hg @ 20 C	**Freezing or Melting Point:**	-128F
Potentia Hydrogenii:	N/A	**Flash Point:**	57 F
		Vapor Density:	2.1
		Volatile organic compound:	792 GRAMS/LITER 6.6 LBS/GL

10 STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoldentification:	Oxidation promoting conditions (Heat, Sunlight and Air), and High temperature
Materials to Avoldentification:	Strong Oxidizing Agents, Aluminum metal, Nitroform, Oleaum
Hazardous Decomposition:	Oxides of carbon
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Ingredient Name	Test	Results	Route	Species
Isopropyl	LD 50	> 2000 mg/kg	Oral	Rat
	LC 50	> 5000 ppm / one hour	Inhalation	Rat
	LD 50	> 2000 mg/kg	Dermal	Rabbit
Diactone Alcohol	LD 50	4 g/kg	Oral	Rat
	LC 50	N/A	Inhalation	Rat
	LD 50	13 g/kg	Dermal	Rabbit

12 ECOLOGICAL INFORMATION

Enviromental Fate: When released into the soil, this material is not expected to evaporate significantly. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released into water, this material is not expected to evaporate significantly. When released into water, this material may biodegrade to a moderate extent. This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals, When released tnto the air, this material is expected to have the half-life of less than one day.

13 DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14 TRANSPORT INFORMATION

DOT: Paint Related Material, 3, UN1219, PG II

IATA: Paint Related Material, 3, UN1219, PG II

MULTI-MODAL: Paint Related Material, 3, UN1219, PG II

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Isopropanol or Isopropyl alcohol (67-63-0 76%) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TXAIR

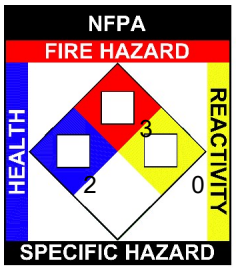
*Diacetone alcohol (123-42-2 20-25%) MASS, OSHAWAC, PA, TXAIR

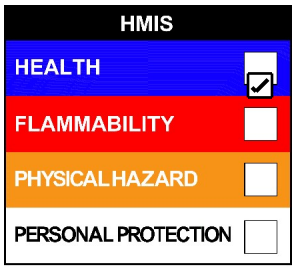
REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
SARA313 = SARA 313 Title III Toxic Chemicals

16 OTHER INFORMATION

NFPA: Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 2(Chronic), Fire = 3, Physical Hazard = 0
HMIS PPE: K - Full Face Respirator, Gloves, Full Suit, Boots





Quill Hair & Ferrule LTD believes that the data contained herein is accurate and derived from qualified sources. The data is not to be taken as a warranty or representation for which Quill Hair & Ferrule LTD assumes legal responsibility. It is offered solely for your consideration, investigation, and verification. Any use of this data and information should be determined by the end user in accordance with Federal, State and local laws and regulations.

Revision Date: 12/18/2025