

CI Resin Cleaner

Combustible Liquid Cleaning Agent for Resin and Residue Removal

HEALTH 0**FIRE 2****REACTIVITY 0****SIGNAL: WARNING**

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Trade name: CI Resin Cleaner

Product code: CI-RSC-20L

1.2. Relevant Identified Uses

Relevant identified uses: Cleaning agent for resin and residue removal in industrial and commercial applications

1.3. Details of the Supplier

Company: Chem International (a division of Aliysha Enterprises Ltd.) 10770-180 Street NW, Edmonton, AB T5S 2S4

Phone: 1-800-665-7287

Email: info@chemintonline.com

Website: chemintonline.com

1.4. Emergency Telephone Number

Emergency phone: CHEMTREC: 1-800-424-9300 (24 hours / 7 days)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS/WHMIS classification: Flammable Liquid — Category 4 (Flam. Liq. 4 / H227)

Most important adverse effects: The product is combustible and can be ignited by potential ignition sources.

2.2. Label Elements

Signal word: WARNING

Hazard pictograms: Not required under GHS Category 4 combustible liquid.

Hazard statements: H227 — Combustible liquid.

Precautionary statements: P101 — If medical advice is needed, have product container or label at hand. P102 — Keep out of reach of children. P103 — Read label before use. P210 — Keep away from heat, sparks, open flames, and hot surfaces. No smoking. P280 — Wear protective gloves, protective clothing, eye and face protection. P370+P378 — In case of fire: use sand, carbon dioxide, or powder extinguisher. P403+P235 — Store in a well-ventilated place. Keep cool. P501 — Dispose of contents and container in accordance with local, provincial, and federal regulations.

2.3. Other Hazards

Other hazards:	This material is combustible but will not ignite readily. May be harmful in contact with skin (GHS category 5: acutely toxic — dermal). Harmful to aquatic life (GHS category 3: aquatic toxicity — acute).
PBT/vPvB assessment:	Does not contain a PBT/vPvB substance at a concentration of $\geq 0.1\%$.
Endocrine disrupting properties:	Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Substances:	Not relevant — mixture.
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3.2. Mixtures

Name of Substance	Identifier	Wt%	Classification (GHS)
PGDA Wash Solvent (Propylene glycol diacetate)	CAS 623-84-7	50–<75%	Flam. Liq. 4 / H227

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or reflects batch variation.

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SECTION 4: FIRST-AID MEASURES

4.1. Description of First-Aid Measures

General:	Do not leave affected person unattended. Remove from danger area. Keep warm, still, and covered. Remove contaminated clothing immediately. Seek medical advice if in doubt or symptoms persist. Place unconscious person in recovery position. Never give anything by mouth.
Inhalation:	If breathing is irregular or stopped, immediately seek medical assistance and begin first aid. Provide fresh air.
Skin contact:	Wash with plenty of soap and water.
Eye contact:	Remove contact lenses if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart.
Ingestion:	Rinse mouth with water (only if person is conscious). Do NOT induce vomiting.

4.2. Most Important Symptoms and Effects

Symptoms and effects:	Not known to date. Seek medical attention if any symptoms develop.
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4.3. Immediate Medical Attention

Treatment:	None specifically indicated. Treat symptomatically.
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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable media:	Water spray, BC-powder, carbon dioxide (CO ₂).
Unsuitable media:	Water jet (direct stream).

5.2. Special Hazards Arising from the Substance or Mixture

Special hazards:	In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Unventilated below-ground areas (trenches, conduits, shafts) are particularly prone to flammable vapour accumulation.
Hazardous combustion products:	Carbon monoxide (CO). Carbon dioxide (CO ₂).

5.3. Advice for Firefighters

Firefighting instructions:	In case of fire and/or explosion, do not breathe fumes. Coordinate firefighting with surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire from a safe distance.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Non-emergency personnel:	Remove persons to safety. Eliminate all ignition sources.
Emergency responders:	Wear breathing apparatus if exposed to vapours, dust, aerosols, or gases.

6.2. Environmental Precautions

Environmental:	Keep away from drains, surface water, and ground water. Retain contaminated washing water and dispose of appropriately. If substance has entered a water course or sewer, inform the responsible authority.
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6.3. Methods and Materials for Containment and Cleanup

Contain spill:	Cover drains. Use adsorbent materials.
Clean up spill:	Wipe up with absorbent material (cloth, fleece). Collect spillage using sawdust, kieselguhr (diatomite), sand, or universal binder.
Other information:	Place in appropriate containers for disposal. Ventilate affected area.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Fire prevention:	Use local and general ventilation. Avoid all ignition sources — no smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Prevent vapour leakage into cellars, flues, and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools.
Specific notes:	Vapours are heavier than air, spread along floors, and may form explosive mixtures with air. Unventilated below-ground areas are particularly hazardous.
Hygiene:	Wash hands after use. Do not eat, drink, or smoke in work areas. Remove contaminated clothing before entering eating areas. Never store food or drink in the vicinity of chemicals.

7.2. Conditions for Safe Storage

Explosive atmospheres:	Keep container tightly closed in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.
Flammability hazards:	Keep away from all ignition sources — no smoking. Take precautionary measures against static discharge. Protect from sunlight.
Ventilation:	Use local and general ventilation. Ground/bond container and receiving equipment.

7.3. Specific End Use(s)

End uses:	See Section 16 for a general overview.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters

Occupational exposure limits: No established occupational exposure limit values available for this mixture.

Relevant PNECs of Components (CAS 623-84-7 — PGDA Wash Solvent):

CAS No	Endpoint	Threshold	Organism	Environment	Exposure time
623-84-7	PNEC	0.082 mg/L	Aquatic organisms	Freshwater	Short-term (single instance)
623-84-7	PNEC	0.008 mg/L	Aquatic organisms	Marine water	Short-term (single instance)
623-84-7	PNEC	100 mg/L	Aquatic organisms	Sewage treatment plant	Short-term (single instance)
623-84-7	PNEC	0.579 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
623-84-7	PNEC	0.058 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
623-84-7	PNEC	0.068 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)

8.2. Exposure Controls

Engineering controls: General ventilation. Use local exhaust ventilation where vapour concentrations may accumulate.

Eye/face protection: Wear eye and face protection.

Hand protection: Wear suitable chemical protection gloves tested to EN 374. Recommended material: NBR (acrylonitrile-butadiene rubber), thickness ≥ 0.35 mm, breakthrough time > 120 minutes (permeation level 4). Check leak-tightness prior to use. Clean before removing if reusing. Verify chemical resistance with glove supplier for specific applications.

Other skin protection: Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) recommended. Wash hands thoroughly after handling.

Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Filtering half mask (EN 149). P1 (filters at least 80% of airborne particles).

Environmental controls: Use appropriate containers to avoid environmental contamination. Keep away from drains, surface water, and ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state: Liquid

Colour: Colourless

Odour: Faintly perceptible

pH:	6–8 (aqueous solution, 100 mg/cm ³ at 25°C)
Melting point / freezing point:	< -70°C at 1,013 hPa
Boiling point / boiling range:	184°C at 100.3 kPa
Flash point:	87°C at 1,013 hPa
Evaporation rate:	Not determined
Flammability:	Not relevant (fluid)
Vapour pressure:	760 mmHg at 191.5°C
Density:	1.05 g/cm ³ at 25°C
Vapour density:	Not available
Solubility:	Not determined
Partition coeff. (log KOW):	Not available
Auto-ignition temperature:	> 400°C
Viscosity:	Not determined
Explosive properties:	None
Oxidizing properties:	None

9.2. Other Information

Temperature class (NEC 500): T2 — maximum permissible surface temperature on equipment: 300°C

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:	The mixture contains reactive substance(s). Risk of ignition if heated. See Sections 10.4 and 10.5 regarding incompatibility.
10.2. Chemical stability:	See conditions to avoid below.
10.3. Hazardous reactions:	No known hazardous reactions.
10.4. Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames, and all ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
10.5. Incompatible materials:	Oxidizers.
10.6. Hazardous decomposition products:	Reasonably anticipated hazardous decomposition products from use, storage, spill, or heating are not known. See Section 5 for hazardous combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Test data:	Test data not available for the complete mixture. Classification based on ingredients (additivity formula).
Acute toxicity:	Shall not be classified as acutely toxic. May be harmful in contact with skin (GHS annex 4, category 5).

Name of Substance	CAS No	Exposure Route	ATE
PGDA Wash Solvent	623-84-7	Dermal	> 2,000 mg/kg

Skin corrosion/irritation:	Shall not be classified as corrosive or irritant to skin.
Serious eye damage/irritation:	Shall not be classified as seriously damaging to the eye or an eye irritant.
Respiratory/skin sensitization:	Shall not be classified as a respiratory or skin sensitizer.
Germ cell mutagenicity:	Shall not be classified as germ cell mutagenic.
Carcinogenicity:	Shall not be classified as carcinogenic.
Reproductive toxicity:	Shall not be classified as a reproductive toxicant.
STOT — single exposure:	Shall not be classified as a specific target organ toxicant (single exposure).
STOT — repeated exposure:	Shall not be classified as a specific target organ toxicant (repeated exposure).
Aspiration hazard:	Shall not be classified as presenting an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

General:	Harmful to aquatic life.
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Name of Substance	CAS No	Endpoint	Value	Species	Exposure
PGDA Wash Solvent	623-84-7	LC50	82 mg/L	Fish	96 h
PGDA Wash Solvent	623-84-7	EC50	61 mg/L	Fish	96 h
PGDA Wash Solvent	623-84-7	ErC50	273 mg/L	Algae	72 h

12.2. Persistence and degradability: Relevant substances of the mixture are readily biodegradable.

12.3. Bioaccumulative potential: Data not available.

12.4. Mobility in soil: Data not available.

12.5. PBT and vPvB assessment: Does not contain a PBT/vPvB substance at a concentration of $\geq 0.1\%$.

12.6. Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

12.7. Other adverse effects: Data not available.

CI Resin Cleaner — Safety Data Sheet (continued)

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste treatment:	Solvent reclamation or regeneration where possible.
Sewage disposal:	Do not empty into drains. Avoid release to the environment. Refer to special instructions and this SDS.
Container/packaging disposal:	Completely emptied packages may be recycled. Handle contaminated packages in the same manner as the substance itself.
Remarks:	Please consider relevant national and regional provisions. Waste shall be separated into categories that can be handled by local or national waste management facilities.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number:	Not subject to transport regulations.
14.2. UN proper shipping name:	Not relevant.
14.3. Transport hazard class(es):	None.
14.4. Packing group:	Not assigned.
14.5. Environmental hazards:	Non-environmentally hazardous per dangerous goods regulations.
14.6. Special precautions for user:	No additional information.
14.7. Transport in bulk (IMO):	Not intended to be carried in bulk.

14.8. Information for Each UN Model Regulation

TDG (Canada):	Not subject to transport regulations.
DOT (49 CFR US):	Not subject to transport regulations.
IMDG:	Not subject to IMDG.
ICAO-IATA/DGR:	Not subject to ICAO-IATA.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations

WHMIS 2015 (Canada):	This product has been classified in accordance with the Hazardous Products Regulations (HPR). This SDS contains all information required by the HPR.
TSCA (US):	All ingredients are listed (ACTIVE) or exempt from listing on the US EPA TSCA inventory.
SARA Title III (EPCRA 302/304):	None of the ingredients are listed as Extremely Hazardous Substances.
EPCRA Section 313:	None of the ingredients are subject to reporting requirements.
CERCLA (section 102a):	None of the ingredients are listed.
Clean Air Act:	None of the ingredients are listed.

California Prop. 65:

None of the ingredients are listed as known carcinogens or reproductive toxicants.

NFPA 704 / HMIS Ratings

NFPA Health	0	HMIS Health	0
NFPA Flammability	2	HMIS Flammability	2
NFPA Instability	0	HMIS Physical Hazard	0
NFPA Special Hazard	—	HMIS Personal Protection	—

National Inventories

Country	Inventory	Status
Canada	DSL	All ingredients listed
United States	TSCA	All ingredients listed (ACTIVE)
Australia	AiIC	All ingredients listed
China	IECSC	All ingredients listed
European Union	ECSI / REACH	All ingredients listed
Japan	CSCL-ENCS	All ingredients listed
Korea	KECI	All ingredients listed
New Zealand	NZIoC	All ingredients listed
Philippines	PICCS	All ingredients listed
Taiwan	TCSI	All ingredients listed

15.2. Chemical Safety Assessment: Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: OTHER INFORMATION

Prepared by:	Chem International — Technical Department
Issue date:	April 2026
Revision date:	April 2026
Version:	1.0
Training advice:	Normal use of this product implies use in accordance with the instructions on the label and SDS.

H-Phrase Reference

Code	Text
H227	Combustible liquid.

DISCLAIMER: This Safety Data Sheet is prepared in accordance with the Hazardous Products Regulations (WHMIS 2015) and GHS requirements. The information contained herein is based on data considered accurate as of the date of preparation. No warranty, expressed or implied, is made as to the accuracy or completeness of this information. Chem International assumes no responsibility for personal injury or property damage resulting from use of this product outside of the conditions described herein. This product is a combustible liquid — users must ensure all ignition sources are eliminated and adequate ventilation is maintained. Users are responsible for full compliance with all applicable regulations.

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