

Safety Data Sheet

Section 1 - Identification

Product Name: K-Chem CARC Paint Stripper III
(ST37)

K-Chem, Inc.
P.O. Box 530632
Birmingham, AL 35253-
0632 205-592-0844

Emergency Phone: 800-255-3924

Product Use: Highly effective paint remover ideal for removing oil and latex-based paints, shellacs, laquest and polyurethanes from a variety of surfaces

Section 2 - Hazards Identification

OSHA Hazards

Combustible Liquid, Target Organ Effect, Harmful by ingestion., Corrosive

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Inhalation Toxicity	Acute Tox. 3	Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l
Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

GHS Hazards

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled

GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician if you feel unwell after exposure of this product.
P311	Call a POISON CENTER or doctor/physician
P321	Specific treatment (see First Aid below or label)
P330	Rinse mouth
P363	Wash contaminated clothing before reuse
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331	IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing . Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P405

Store locked up

P403+P233

Store in a well ventilated place. Keep container tightly closed

P501

Dispose of contents/container in conformance with State, Local, and Federal regulations.

Signal Word: Danger



Chemical Name	CAS number	Weight Concentration %
Hydrogen carboxylic acid	64-18-6	50.00% - 60.00%
Phenylcarbinol	100-51-6	30.00% - 40.00%

(1) A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

Section 4 - First Aid Measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL: 15.00

UEL: 43.00

Conditions of flammability

Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways.

Fire will produce irritating, poisonous and/or corrosive gases.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Special protective equipment for firefighters

Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

Structural firefighters uniform is NOT effective for these materials.

Section 6 - Accidental Release Measures

Personal precautions

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

Section 7 - Handling & Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Vent periodically. Handle and open container with care. Hygroscopic.

Section 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Hydrogen carboxylic acid 64-18-6	TWA: 5 ppm 9 mg/m ³ Eye, skin, & Upper Respiratory Tract irritation	STEL: 10 ppm Eye, skin, & Upper Respiratory Tract irritation	Not Established
Phenylcarbinol 100-51-6	Not Established	Not Established	Not Established

In industrial situations maintain the concentration values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source or other methods .

Where

ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapors or mists. Filter capacity and respiratory type depends of exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full face respirator should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing and training, maintenance and inspection.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good manufacturing practices. Wash and dry hands.

Immersion protection

Material: butyl-rubber
Minimum layer thickness: 0.3 mm
Break through time: > 480 min
Material tested: Butoject® (Aldrich Z677647, Size M)

Splash protection

Material: Nature latex/chloroprene

Minimum layer thickness: 0.6 mm

Break through time: > 30 min

Material tested: Lapren® (Aldrich Z677558, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 873000, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Eye protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin and body protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Section 9 - Physical & Chemical Properties

<p style="text-align: center;">Boiling Range 100 to 205 °C</p> <p style="text-align: center;">Color Straw</p> <p style="text-align: center;">Specific Gravity 1.128</p> <p style="text-align: center;">Odor Threshold N/A</p> <p style="text-align: center;">Boiling Range N/A</p> <p style="text-align: center;">Evaporation Rate N/A</p> <p style="text-align: center;">Solubility in Water Partial</p> <p style="text-align: center;">Flammability N/A</p> <p style="text-align: center;">Partition coefficient: n- octanol/water N/A</p> <p style="text-align: center;">Decomposition temperature N/A</p>	<p style="text-align: center;">Appearance Clear Liquid</p> <p style="text-align: center;">pH <=1</p> <p style="text-align: center;">Odor Characteristic</p> <p style="text-align: center;">Freezing Point N/A</p> <p style="text-align: center;">Flash Point N/A</p> <p style="text-align: center;">Vapor Pressure N/A</p> <p style="text-align: center;">Viscosity <=10</p> <p style="text-align: center;">Upper/lower flammability N/A</p> <p style="text-align: center;">Auto-ignition temperature N/A</p>
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Section 10 - Stability & Reactivity
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STABLE

Oxidizers, alkaline materials
Strong oxidizing agents, acids, acid halides, and iron

Carbon Monoxide, Carbon dioxide
Carbon monoxide, carbon dioxide, acrid smoke and Fumes
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 1,066mg/kg
Inhalation Toxicity LC50: 7mg/L

Component Toxicity

100-51-6 Phenylcarbinol
Oral LD50: 1,620 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rabbit)

TargetOrgans

Blood, Central nervous system, Liver, KidneyKidney, Liver, Central nervous system, Blood

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No data found

Section 12 - Ecological Information

Component Ecotoxicity

Hydrogen carboxylic acid Harmful to aquatic life.

Section 13 - Disposal Considerations

Section 14 - Transportation Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	(Formic Acid)	3412	II	8

Section 15 - Regulatory Information

Country	Regulation	All Components Listed
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EU Risk Phrases

Safety Phrase

- None

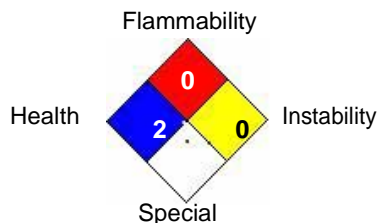
Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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