

1. Identification

Product Information. 9306000001

Product Name: Ramuc Clean & Prep Solution

Recommended Use. Paints

Uses advised against. Read label instructions and SDS

Supplier. Modern Recreational Technologies, Inc.
2220 Highway 70 SE., Suite 100
Hickory, NC 28602
800-728-8258

Emergency telephone number. Chemtrec: +1-800-424-9300 USA
Chemtrec: +1 703-527-3887 ex-USA
24 hrs./day, 7 days/week

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Skin Corrosion, category 1
Serious Eye Damage, category 1

GHS Pictograms



Signal Word
Danger

Unknown Acute Toxicity
22.3% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Causes severe skin burns and eye damage.
Causes serious eye damage.

Precautionary Statements - Prevention.

Do not breathe dust/fume/gas/mist/ vapors/spray.
Wash face and hands and any exposed skin thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection

Precautionary Statements - Response.

If swallowed: Rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
Immediately call a poison center or doctor.
Wash contaminated clothing before reuse.

Precautionary Statements - Storage.

Store locked up.

Precautionary Statements - Disposal.

Dispose of contents in accordance with local, regional, national, international regulations.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Phosphoric acid	7664-38-2	10-25
ALCOHOLS, C6 -C12, ETHOXYLATED	68439-45-2	1.0-2.5

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

Description of first-aid measures.

General advice.

Move victim to a safe isolated area. Immediate medical attention is required. Call a poison control center or doctor for treatment advice.

Inhalation.

Move to fresh air. Apply artificial respiration if victim is not breathing. Call a poison control center or doctor for treatment advice.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a poison control center or doctor for treatment advice.

Eye contact.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

Ingestion.

Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately.

Symptoms.

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

Notes to physician.

Treat symptomatically. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons.

Water may be unsuitable for extinguishing fires.

Special hazards arising from the substance or mixture.

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks). Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds.

Advice for firefighters.

Evacuate personnel to safe areas.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. All equipment used when handling the product must be grounded. Wear protective gloves/clothing and eye/face protection. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Thoroughly decontaminate all protective equipment after use.

Advice for emergency responders.

Refer to protective measures listed in sections 7 and 8. Use personal protection recommended in Section 8.

Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up.

Methods for Containment.

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use personal protective equipment.

Methods for cleaning up.

Prevent further leakage or spillage if safe to do so. All equipment used when handling the product must be grounded. Ventilate the area. Use personal protective equipment as required. Clean contaminated objects and areas thoroughly while observing environmental regulations. Never return spills in original containers for re-use.

Reference to other sections.

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities.

Advice on safe handling.

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Use according to package label instructions. Ground and bond containers when transferring material.

Hygiene measures.

Handle in accordance with good industrial hygiene and safety practice for diagnostics. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Storage Conditions.

Keep container closed when not in use. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with local regulations. Keep from freezing. Keep away from food, drink and animal feedingstuffs.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Phosphoric acid	1 mg/m ³	3 mg/m ³	1 mg/m ³	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures.

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment.

Eye/Face Protection.

If splashes are likely to occur, wear:. Face-shield. Safety glasses with side-shields. Tightly fitting safety goggles.

Skin and body protection.

Use:. Long sleeved clothing. Protective shoes or boots. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Gloves must be inspected prior to use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use.

Respiratory protection.

In case of inadequate ventilation wear respiratory protection. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

9. Physical and chemical properties.**Information on basic physical and chemical properties.**

Physical state	Liquid
Appearance	No Information
Color	light yellow
Odor	Characteristic
Odor Threshold	No Information
pH	1
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	No Information
Boiling point/boiling range., °C (°F)	100 - 297 (212 - 566.6)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm ³)	1.240
Water solubility.	Soluble in water
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	No Information

Other information.

Volatile organic compounds (VOC) content.	None
Density, lb/gal	No Information

10. Stability and Reactivity**Reactivity.**

Stable under normal conditions.

Chemical stability.

Stable under recommended storage conditions.

Possibility of hazardous reactions.

None under normal processing.

Conditions to Avoid.

Do not freeze.

Incompatible Materials.

None known based on information supplied.

Hazardous Decomposition Products.

Thermal decomposition can lead to release of irritating gases and vapours.

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	7,200.0 mg/kg
ATEmix (dermal)	12,261.7 mg/kg

Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
7664-38-2	Phosphoric acid	1530 mg/kg Rat	2740 mg/kg Rabbit	N.I.
68439-45-2	ALCOHOLS, C6 -C12, ETHOXYLATED	N.I.	2500	N.I.

N.I. = No Information

Skin corrosion/irritation.

Corrosive to skin. Contact with skin may cause irritation or severe burns and scarring.

Eye damage/irritation.

Direct eye contact may cause severe irritation or burns. If not immediately removed, may cause permanent eye damage.

Respiratory or skin sensitization.

No Information

Ingestion.

May be harmful if swallowed. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis.

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity.

22.25% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations

Waste Disposal Guidance.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT

Shipping Name: Corrosive Liquid (Phosphoric Acid)
Hazard Class: 8
UN/NA Number: UN1760
Packing Group: III
Additional Information: May be reclassified as Limited Quantity per 49 CFR 173.154(b)(2)). Must have inner packagings with a net capacity not exceeding 5.0 liters (1.3 gallons) each.

IMDG

Proper Shipping Name: Corrosive Liquid (Phosphoric Acid)
Hazard Class: 8
UN Number: UN1760
Packing Group: III
Additional Information: May be reclassified as Limited Quantity. Must have inner packagings with a net capacity not exceeding 5.0 liters (1.3 gallons) each.

IATA

Proper Shipping Name: UN1760, Corrosive Liquid (Phosphoric Acid)
Hazard Class: 8
Packing Group: III
Additional Information: May be reclassified as Limited Quantity. Must have inner packagings with a net capacity not exceeding 1.0 L each.

15. Regulatory Information

International Inventories:

TSCA	Complies
DSL	Complies
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	Complies
IECSC	Complies
KECI	Complies
PICCS	Complies
AIIC	Complies
NZIoC	Complies

TCSI

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
TCSI	Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

CALIFORNIA PROPOSITION 65 CARCINOGENS

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information

Revision Date: 8/7/2025 **Supersedes Date:** 8/12/2024

Reason for revision: Substance and/or Product Properties Changed in Section(s):
02 - Hazards Identification
14 - Transportation Information
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	3	Flammability:	0	Physical Hazard:	0	Personal Protection:	X
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NFPA Ratings:

Health:	3	Flammability:	0	Instability:	0	Physical & Chemical:	---
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.