



Aminomethyl Propanol (AMP)

Section 1: Company and Product Identification

Product Name: Aminomethyl Propanol (AMP)

INCI Name: Aminomethyl Propanol, Water

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:



Signal Word: Danger

Hazard Classification: Flammable Liquids - Category 4
Skin Irritation - Category 2

Hazard Statements: Combustible Liquid. Causes skin irritation. Causes serious eye damage.

Precautionary Statements: **Prevention:** Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wash skin thoroughly after handling.
Wear protective gloves/eye protection/face protection.
Response: IF ON SKIN: Wash with plenty of soap and water.
IF ON 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/physician.
If skin irritation occurs: Get medical advice/attention.
Take of contaminated Clothing and wash before reuse.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Storage: Store in a well-ventilated place. Keep cool.
Disposal: Dispose of contents/container to an approved waste disposal plant.

Other Hazards: None known.



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Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
2-Amino-2-methyl-1-propanol	Category 2; Category 4	124-68-5	≥ 93.5 - ≤ 95.5
Water	Not classified	7732-18-5	≥ 4.5 - ≤ 5.5

Additional Information: For full text of H-statements and R-phrases: see SECTION 16

Section 4: First Aid Measures

General Info: Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. If burn is present, treat as any thermal burn, after decontamination. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Due to irritant properties, swallowing may result in burns/ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal/esophageal control if lavage is done.

Notable Exposure symptoms: Any additional important symptoms and effects are described in Section 11.

If ingested: See medical attention immediately. Do not induce vomiting. Give one cup (8 oz or 240 ml) of water or milk if available and transport to a medical facility. Do not give anything by mouth unless the person is fully conscious.

If inhaled: Move person to fresh air; if effects occur, consult a physician.

Eye contact: Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Skin contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Seek medical attention if symptoms occur or irritation persists. Wash clothing before reuse. Suitable emergency safety shower facility should be immediately available.

Section 5: Fire Fighting Measures

General Info: Flash Point: 82.09°C (179.76°F) Method: Setaflash Closed Cup ASTM D3828.

Extinguishing Method /

Equipment: Water fog or fine spray. Carbon dioxide fire extinguishers. Dry chemical fire extinguishers. Foam.

Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.



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Hazardous Decomposition Info: Smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating: Carbon Dioxide. Carbon Monoxide. Nitrogen Oxides.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Keep upwind of spill. Ventilate area of leak or spill. No smoking in area. Only trained and properly protected personnel must be involved in clean-up operations. Evacuate area. Use appropriate safety equipment. For additional information, refer to Section 7 and 8.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12.

Containment Equipment and

Procedures: Contain spilled material if possible. Collect in suitable and properly labeled containers.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7: Handling and Storage

Safe Handling Precautions: Keep away from heat, sparks and flame. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. Keep container closed. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

Recommendations for Storage: Store in original container. Store in a cool, dry place. Keep containers tightly closed when not in use to prevent formation of carbonate salts. Do not store in: zinc, galvanized containers, aluminum, copper, copper alloys or brass.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: Contains no substances with occupational exposure limit values.

General / Engineering

Controls: Local exhaust ventilation should be sufficient for most operations.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Use gloves chemically resistant to this material (Viton, butyl rubber, neoprene or nitrile).

Body Protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron or full body suit will depend on the task.



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Respiratory Protection: Wear respiratory protective protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Color: Colorless

Odor: Amine

Odor Threshold: No data available

pH: 11.3 (25°C) Method: Literature - 1% aqueous solution

Melting Point: 13 - 15°C (55 - 59°F) Method: Literature

Freezing Point: 13 - 15°C (55 - 59°F) Method: Literature

Boiling Point: 100 - 165°C (212 - 329°F) Method: Literature

Flash Point: 82.09°C (179.76°F) Method: Setaflash Closed Cup ASTM D3828

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Evaporation Rate: No data available

Vapor Pressure: 0.34 mmHg (20°C) Method: Literature. Anhydrous

Explosive Limits: Not applicable

Vapor Density: 3 (air = 1) Method: Literature

Specific Gravity: No data available

Water Solubility: Miscible in water. Method: Literature

Viscosity (cP): No data available

Explosion Properties: No data available

Oxidizing Properties: No data available

Partition coefficient: No data available

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous

Reactions: None known.

Conditions to Avoid: Exposure to elevated temperatures can cause the product to decompose. Product absorbs carbon dioxide from the air. Reaction with carbon dioxide may form carbonite salts.

Incompatible Materials: Zinc, galvanized metals, aluminum, copper, copper alloys, brass, strong acids, strong oxidizers, halogenated hydrocarbons.

Hazardous Decomposition

Products: Decomposition products depend upon temperature, air supply and the presence of other materials.

Section 11: Toxicological Information

Acute Toxicity

(Product)

Acute Oral Toxicity: Remarks: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. Swallowing may result in irritation or burns in the mouth, throat, and gastrointestinal tract.

LD50 (Rat, male): 2,900 mg/kg.
Method: OECD 401 or Equivalent.

LD50 (Mouse): 2,150 mg/kg.

Acute Inhalation Toxicity: Remarks: At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material or mist may cause respiratory irritation.

Remarks: The LC50 has not been determined.

Acute Dermal Toxicity: Remarks: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

LD50 (Rabbit, male and female): > 2,000 mg/kg.

Method: OECD Test Guideline 402.

Symptoms: No deaths occurred at this concentration.

Assessment: The substance or mixture has no acute dermal Toxicity:



Aminomethyl Propanol (AMP)

(Components)

2-Amino-2-methyl-1-propanol

Acute Oral Toxicity: LD50 (Rat, male): 2,900 mg/kg.

Remarks: Swallowing may result in irritation or burns of the mouth, throat, and gastrointestinal tract.

Acute Inhalation Toxicity: Remarks: The LC50 has not been determined.

Acute Dermal Toxicity: LC50 (Rabbit, male and female): > 2,000 mg/kg.

Symptoms: No deaths occurred at this concentration.

Assessment: The substance or mixture has no acute dermal toxicity.

Skin Corrosion/Irritation

(Product): Result: Skin irritation.

Remarks: Brief contact may cause severe skin irritation with pain and local redness. Prolonged contact may cause severe skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage.

Skin Corrosion/Irritation

(Components)

2-Amino-2-methyl-1-propanol: Result: Skin irritation.

Remarks: Brief contact may cause severe skin irritation with pain and local redness. Prolonged contact may cause severe skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage.

Remarks: Not classified as corrosive to the skin according to DOT guidelines.

Serious Eye Damage/Eye Irritation

(Product): Result: Corrosive

Remarks: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Serious Eye Damage/Eye Irritation

(Components)

2-Amino-2-methyl-1-propanol: Result: Corrosive

Remarks: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.



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Respiratory or Skin Sensitization

(Product): Remarks: For skin sensitization: Did not cause allergic skin reactions when tested on guinea pigs.

Remarks: For respiratory sensitization: No relevant data found.

Respiratory or Skin Sensitization

(Components)

2-Amino-2-methyl-1-propanol: Assessment: Does not cause skin sensitization.

Remarks: For skin sensitization: Did not cause allergic skin reactions when tested on guinea pigs.

Remarks: For respiratory sensitization: No relevant data found.

Carcinogenicity (Product): No relevant data found.

Carcinogenicity

(Components)

2-Amino-2-methyl-1-propanol: No relevant data found.

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.

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.

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.

Teratogenicity (Product): In a screening study in rats, 2-amino-2-methyl-1-propanol hydrochloride salt was toxic to the fetus when administered at high oral doses. However, this material did not cause birth defects or any other effects on the fetus when high doses were administered dermally, the most likely route of exposure, in a definitive rat developmental toxicity study.

Teratogenicity

(Components)

2-Amino-2-methyl-1-propanol: In a screening study in rats, 2-amino-2-methyl-1-propanol hydrochloride salt was toxic to the fetus when administered at high oral doses were administered dermally, the most likely route of exposure, in a definitive rat developmental toxicity study.



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Mutagenicity

(Product): Animal genetic toxicity studies were negative. In vitro genetic toxicity studies were negative.

Mutagenicity

(Components)

2-Amino-2-methyl-1-propanol: Animal genetic toxicity studies were negative. In vitro genetic toxicity studies were negative.

Reproductive Toxicity

(Product): In animal studies, did not interfere with reproduction.

Reproductive Toxicity

(Components)

2-Amino-2-methyl-1-propanol: In animal studies, did not interfere with reproduction.

STOT - Single Exposure

(Product): Assessment: Evaluation of available data suggests that this material is not a STOT-SE toxicant.

STOT - Single Exposure

(Components)

2-Amino-2-methyl-1-propanol: Assessment: Evaluation of available data suggests that this material is not a STOT-SE toxicant.

Repeated Dose Toxicity

(Product): Remarks: In animals, effects have been reported on the following organs: Liver.

Repeated Dose Toxicity

(Components)

2-Amino-2-methyl-1-propanol: Remarks: In animals, effects have been reported on the following organs: Liver.

Aspiration Toxicity

(Product): Based on physical properties, not likely to be an aspiration hazard.

Aspiration Toxicity

(Components)

2-Amino-2-methyl-1-propanol: Based on physical properties, not likely to be an aspiration hazard.



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Section 12: Ecological Information

Ecotoxicity (Product)

Toxicity to Fish: Remarks: material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). May increase pH of aquatic systems to > pH 10, which may be toxic to aquatic organisms.

LC50 (Lepomis macrochirus (Bluegill sunfish)): 190 mg/l.

Exposure time: 96 h.

Test Type: static test.

Method: OECD Test Guideline 203 or Equivalent.

LC50 (European plaice (Pleuronectes platessa)): 184 mg/l.

Exposure time: 96 h.

Test type: semi-static test.

Method: OECD Test Guideline 203 or Equivalent.

LC50 (Leuciscus idus (Golden orfe)): 331 mg/l.

Exposure time: 48 h.

Test type: Static test

Method: OECD Test Guideline 203 or Equivalent.

Toxicity to Daphnia and Other Aquatic Invertebrates

(Product): LC50 (Cragon crangon (shrimp)): 179.00 mg/l.

Exposure time: 96 h.

Test Type: semi-static test.

Method: OECD Test Guideline 202 or Equivalent.

LC50 (Daphnia magna (Water flea)): 193.00 mg/l.

Exposure time: 48 h.

Test type: static test.

Method: OECD Test Guideline 202 or Equivalent.

Toxicity to Algae (Product): EC50 (alga Scenedemus sp.): 565.5 mg/l.

End point: Biomass.

Exposure time: 72 h.

Test type: static test.

Method: OECD Test Guideline 201 or Equivalent.

Toxicity to Bacteria (Product): EC50 (activated sludge): 342.9mg/l.

Exposure time: 3 h.

Test type: static test.

Method: OECD 209 Test.

**Aminomethyl Propanol (AMP)****Ecotoxicity****(Components)****2-Amino-2-methyl-1-propanol**

Toxicity to Fish: Remarks: material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). May increase pH of aquatic systems to > pH 10, which may be toxic to aquatic organisms.

LC50 (Lepomis macrochirus (Bluegill sunfish)): 190 mg/l.

Exposure Time: 96 h.

Test type: static test.

Method: OECD Test Guideline 203 or Equivalent.

LC50 (European plaice (Plueronectes platessa)): 184 mg/l.

Exposure time: 96 h.

Test type: semi-static test.

Method: OECD Test Guideline 203 or Equivalent.

LC50 (Leuciscus idus (Golden orfe)): 331 mg/l.

Exposure time: 48 h.

Test type: static test.

Method: OECD Test Guideline 203 or Equivalent.

Toxicity to Daphnia and Other**Aquatic Invertebrates****(Components)**

2-Amino-2-methyl-1-propanol: LC50 (Cragon crangon (shrimp)): 179.00 mg/l.

Exposure time: 96 h.

Test Type: semi-static test.

Method: OECD Test Guideline 202 or Equivalent.

LC50 (Daphnia magna (Water flea)): 193.00 mg/l.

Exposure time: 48 h.

Test type: static test.

Method: OECD Test Guideline 202 or Equivalent.

Toxicity to Algae**(Components)**

2-Amino-2-methyl-1-propanol: EC50 (alga Scenedemus sp.): 565.5 mg/l.

End point: Biomass.

Exposure time: 72 h.

Test type: static test.

Method: OECD Test Guideline 201 or Equivalent.

**Aminomethyl Propanol (AMP)****Toxicity to Bacteria****(Components)**

2-Amino-2-methyl-1-propanol: EC50 (activated sludge): 342.9mg/l.
Exposure time: 3 h.
Test type: static test.
Method: OECD 209 Test.

Persistence and Degradability**(Product)**

Biodegradability: Result: Readily biodegradable.
Remarks: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

Biodegradation: 89.3%
Exposure time: 28 d.
Method: OECD Test Guideline 301F or Equivalent.
Remarks: 10-day Window: Pass

Chemical Oxygen Demand

(COD) (Product): 2.410 mg/mg. Method: Estimated.

ThOD (Product): 2.690 mg/mg. Method: Estimated.

Photodegradation (Product): Sensitizer: OH radicals.

Rate constant: Degradation half life: 0.42 d
Method: Estimated.

Biodegradability (Components)

2-Amino-2-methyl-1-propanol: Remarks: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

Result: Readily Biodegradable.
Biodegradation: 89.3%
Exposure time: 28 d.
Method: OECD Test Guideline 301F or Equivalent.
Remarks: 10-day Window: Pass.

Chemical Oxygen Demand**(COD) (Components)**

2-Amino-2-methyl-1-propanol: 2.410 mg/mg. Method: Estimated.

ThOD (Components)

2-Amino-2-methyl-1-propanol: 2.690 mg/mg. Method: Estimated.



Aminomethyl Propanol (AMP)

Photodegradation

(Components)

2-Amino-2-methyl-1-propanol: Sensitizer: OH radicals.
Rate constant: Degradation half life: 0.42 d
Method: Estimated.

Bioaccumulative Potential

Bioaccumulation

(Product): Species: Fish.
Biocentration factor (BCF): < 1.
Method: Measured.

Partition Coefficient: n-octanol/water

(Product): log Pow: -0.63 (20 °C)
Method: OECD Test Guideline 107 or Equivalent.
GLP: yes
Remarks: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Bioaccumulative Potential

Bioaccumulation

(Components)

2-Amino-2-methyl-1-propanol: Species: Fish.
Biocentration factor (BCF): < 1.
Method: Measured.

Partition Coefficient: n-octanol/water

(Components)

2-Amino-2-methyl-1-propanol: log Pow: -0.63 (20 °C)
Method: OECD Test Guideline 107 or Equivalent.
GLP: yes
Remarks: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Mobility in Soil (Product)

Distribution Among

Environmental Compartments: Koc:18.
Method: Estimated.
Remarks: Potential for mobility in soil is very high (Koc between 0 and 50).



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Mobility in Soil (Components)

2-Amino-2-methyl-1-propanol

Distribution Among

Environmental Compartments: Koc:18.

Method: Estimated.

Remarks: Potential for mobility in soil is very high (Koc between 0 and 50).

Other Adverse Effects

(Product)

Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82. Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Other Adverse Effects

(Components)

2-Amino-2-methyl-1-propanol

Results of PBT and vPvB

Assessment: This substance is readily biodegradable and thus is not considered persistent or very persistent (P or vP). This substance has a low potential to bioaccumulate due to low affinity for octanol and high water solubility so it is not considered bioaccumulative or very bioaccumulative (B or vB). This substance is not classified as mutagenic, carcinogenic or reproductive toxicant to mammalian species, and the values are much higher than the threshold for toxicity to aquatic species; thus is not considered toxic (T).

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Do not dump into any sewers, on the ground or into any body of water.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

**Aminomethyl Propanol (AMP)****Section 14: Transport Information**

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	NA 1993	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Combustible Liquid, N.O.S (2-Amino-2-methyl-1-propanol)	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	CBL	Not applicable	Not applicable	Not applicable
Packing Group:	III	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

OSHA Hazards: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Combustible Liquid, Moderate skin irritant.

EPCRA: CERCLA Reportable Quantity: This material does not contain any components with section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard
Acute Health Hazard
Chronic Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with the known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product neither contains, nor was manufactured with a Class I or Class I ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not come into contact with any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).



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Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

U.S. State Regulations: Massachusetts Right-to-Know List of Chemicals and Hazardous Classifications.

Cas No.: 124-68-5. Component: 2-Amino-2-methyl-1-propanol.

Pennsylvania Right-to-Know: The following chemicals are listed because of the additional requirements of Pennsylvania law:

Cas No.: 124-68-5. Component: 2-Amino-2-methyl-1-propanol.

New Jersey Right-to-Know: The following chemicals are listed because of the additional requirements of New Jersey Law: Cas No.: 124-68-5. Component: 2-Amino-2-methyl-1-propanol.

California Prop 65: This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.

United States TSCA: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.



Aminomethyl Propanol (AMP)

Section 16: Other Information

Indication of Changes: Version 1 created August 27, 2020

HMIS III: 3-2-0

NFPA: 3-2-1

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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