Rhino Linings®

SAFETY DATA SHEET **Part No.: GC**

Date: November 18, 2020

PRODUCT NAME(S): Gun Cleaner

SECTION 1 – IDENTIFICATION

Manufacturer's Info:
Rhino Linings Corporation
9747 Businesspark Avenue
San Diego, CA, 92131

Product Name: **Gun Cleaner**

Information phone: (858) 450 0441
Emergency contact: CHEMTREC (800) 424 9300

SECTION 2 – HAZARD(S) IDENTIFICATION

OSHA Hazard Communication Standard:
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

GHS-Label Elements: **Signal Word:** DANGER

Pictogram(s):

GHS 08

GHS 07

Classification of the substance or mixture:

Hazard Class	Category	Hazard Statement Codes	Hazard Statements
Acute Toxicity – Oral	4	**H302**	Harmful if swallowed
Acute Toxicity – Inhalation	4	**H332**	Harmful if inhaled
Skin Corrosion/Irritation	2	**H315**	Causes skin irritation.
Serious Eye Damage/Eye Irritation	2A	**H319**	Causes serious eye irritation.
Reproductive Toxicity	1B	**H360**	May damage fertility or the unborn child
Specific Target Organ Toxicity – Single Exposure	3	**H335**	May cause respiratory irritation
Flammable Liquids	4	**H227**	Combustible liquid
Hazardous to Aquatic Environment - Acute	3	**H402**	Harmful to aquatic life

Precautionary Statements:

Prevention:	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
	P264	Wash exposed area with plenty of water and soap thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P281	Use personal protective equipment as required.
Response:	P301+P330+P331	**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P302+P352	**IF ON SKIN:** Wash with plenty of soap and water.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P304+P340	**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P305+P351+P338	**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P308+P313	**IF exposed or concerned:** Get medical advice/attention.

	P370+P378	**IN CASE OF FIRE:** Use water spray, alcohol-resistant foam, dry sand, dry chemical or carbon dioxide to extinguish.
	P391	Collect spillage.
Storage:	P403+P233+P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
	P405	Store locked up.
Disposal:	P501	Dispose of contents/container to an approved waste disposal facility.

Hazards not otherwise classified (HNOC): None

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	EC #	Concentration, %
1-Methyl-2-pyrrolidone (NMP)	872-50-4	212-828-1	30 – 40
Confidential Component	Proprietary	Proprietary	20 – 25
Dimethyl glutarate	1119-40-0	214-277-2	15 – 20
Dimethyl succinate	106-65-0	203-419-9	1 – 5
Dimethyl adipate	627-93-0	211-020-6	1 – 5
4-Nonylphenol branched, ethoxylated	127087-87-0	500-315-8	5 – 10

SECTION 4 – FIRST-AID MEASURES

Description of First Aid measures:

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. Consult a doctor/physician.

Skin: Wash material off of the skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes immediately and wash them before reuse. Get medical advice/attention if irritation persists.

Eye: Immediately rinse with water for several minutes, especially under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Get medical advice/attention if eye irritation persists.

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

Most important symptoms/effects, acute and delayed: The most important known symptom and effects are described in Sections 2 and 11.

General advice for First Aid responders: Show this SDS to physician.

Note to physician: Specific antidotes or neutralizers do not exist. Treatment should be supportive and based on the judgment of the physician in response to the reaction of the patient. Recommended medical monitoring for at least 24hours.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide 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.

Unsuitable extinguishing media: Do NOT use direct water stream. May spread fire.

Specific hazards arising from the chemical: Carbon oxides, Nitrogen oxides.

Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Unusual fire and explosion hazards: Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

Special Protective Equipment and Precautions for fire-fighters: Wear NIOSH or OSHA approved self-contained breathing apparatus in positive pressure mode with full face piece and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Ensure adequate ventilation/exhaust extraction. Avoid breathing vapors or mist during clean up. Eliminate all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Use protective equipment as described in Section 8. Do not touch or walk through spilled material; spilled material may cause a slipping hazard.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Inform the relevant authorities if the product has caused environmental pollution. See Section 12 for more details.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

Residues from spill cleanup may continue to be regulated under provisions of RCRA and require storage and disposal as hazardous waste. For major spills, see Section 1 for the Emergency contact; for further disposal measures, see Section 13.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage stability: Stable under normal conditions.
Storage temperature: 68 - 90°F (20 - 32°C)

Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200. Employees and consumers should be warned of health risks associated with product use. See Section 8 for additional information on hygiene measures.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters/Occupational exposure limit values: Not available for mixture. As listed in the OSHA Occupational Chemical Database and OARS-WEEL Database.

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		**NIOSH REL** Up to 10-hour TWA (ST) STEL (C) Ceiling		**ACGIH TLV©** 8-hour TWA (ST) STEL (C) Ceiling		**Cal/OSHA PEL** 8-hour TWA (ST) STEL (C) Ceiling Peak	
1-Methyl-2-pyrrolidone (NMP) – CAS # 872-50-4							
PEL-TWA		**REL-TWA**		**TLV-TWA**		**PEL-TWA**	1 ppm (4 mg/m³)
PEL-STEL		**REL-STEL**		**TLV-STEL**		**PEL-STEL**	
PEL-C		**REL-C**		**TLV-C**		**PEL-C**	
Skin Notation	NA		NA		NA		Y
		IDLH					

Carcinogenic classification: ---

AIHA emergency response planning guidelines - ERPG-1/ERPG-2/ERPG-3: ---

AIHA OARS-WEEL: 10 ppm (skin) 8-hour TWA

Appropriate engineering controls: Use only with adequate ventilation. Provide process enclosures, local exhaust ventilation or other engineering controls to maintain recommended PEL. All equipment must conform to applicable electrical code. Use clean non-sparking tools.

Personal protective equipment:

Eye/face protection:

When directly handling liquid product, eye protection is required. Examples of eye protection include safety glasses and goggles. Contact lenses should not be worn when working with chemicals.

Skin/body protection:

Product easily penetrates the skin and may carry other dissolved chemicals into the body, therefore glove selection is very important. Butyl rubber, fluoroelastomer, neoprene, or thick (15 mil) latex gloves are recommended. Commonly used nitrile gloves may protect from brief contact, but have been found to degrade rapidly with exposure to the product.

Body should be covered with appropriate clothing (apron, arm covers or full body suit) depending on the task being performed and the risks involved. Appropriate footwear should be also selected based on the task being performed and the risks involved.

Respiratory protection:

Use local or general ventilation to control exposures below applicable exposure limits. When ventilation is inadequate, use either an atmosphere supplying respirator or NIOSH or OSHA approved air-purifying respirator that is recommended for use in solvent-containing areas. Respirator must be properly fitted and its selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Additional Protective Measures: Educate and train employees in safe handling of this product. Follow all label instructions. As a general hygiene practice, wash hands and face after use. Clean water should always be readily available for emergency skin and eye washing. Emergency eyewash fountains and safety shower are recommended in close proximity as a matter of good work practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent Liquid
Odor:	Amine-like
Odor threshold:	No test data available
pH:	No test data available
Melting point/ freezing point:	No test data available
Initial boiling point and boiling range:	202°C (396°F)
Flash point:	91°C (196°F)
Evaporation rate:	No test data available
Flammability (solid, gas):	No test data available
Upper/ lower flammability or explosive limits:	No test data available
Vapor pressure:	No test data available
Vapor density:	No test data available
Relative density:	1.02 g/cm3 at 77 °F (25 °C)
Solubility (water):	No test data available
Partition coefficient n-octanol/water:	No test data available
Auto-ignition temperature:	No test data availble
Decomposition temperature:	No test data available
Viscosity:	No test data available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Strong oxidizing and reducing agents, alkali metals: organic and mineral acids, acyl halides, halogenated compounds, metal nitrides, methyl bromide, sodium hydride, zinc, steel (in the presence of water).

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin and Eye Contact, Inhalation and Ingestion.

Symptoms of exposure:

Acute Toxicity:

Oral:

Harmful if swallowed.

Adverse symptoms may include abdominal pain, nausea and diarrhea.

Dermal:

Not classified.

May cause dryness and redness.

Inhalation:

Harmful if inhaled.

Material may be irritating to the mucous membranes and upper respiratory tract. Adverse symptoms may include shortness of breath, headache, dizziness and drowsiness.

Skin corrosion / irritation:

Causes skin irritation.

Adverse symptoms may include redness, defatting, dryness, cracking, rash and dermatitis. Product is rapidly absorbed through skin and has the potential to carry toxic materials or materials of unknown toxicity into the body.

Serious eye damage / eye irritation:

Causes serious eye irritation.

Adverse symptoms may include blurry vision, stinging, tearing and redness.

Specific target organ toxicity, single exposure:

May cause respiratory irritation.

Aspiration hazard:

Not classified.

Chronic Toxicity:

Respiratory and Skin Sensitizer:

Not classified.

Germ cell mutagenicity:

Not classified.

Carcinogenicity:

Not classified.

Reproductive toxicity:

May damage fertility or the unborn child.

- 1-Methyl-2-pyrrolidone (NMP), CAS #: 872-50-4

Specific target organ toxicity, repeated exposure:

Not classified.

Medical conditions aggravated by overexposure:

No test data available.

Toxicity test results: Not available for mixture. Results for components:

Components	Test Results
1-Methyl-2-pyrrolidone (NMP) CAS #: 872-50-4	Acute Toxicity Oral LD50 (Rat): 4,150 mg/kg (OECD Test Guideline 401) Dermal LD50 (Rat): >5,000 mg/kg (OECD Test Guideline 402) Inhalation LC50 (Rat): 4hrs: >5.1 mg/L (OECD Test Guideline 403) Skin corrosion/irritation (Rabbit): Irritating to skin (OECD Test Guideline 404) Serious eye damage/eye irritation (Rabbit): Irritating to eyes (OECD Test Guideline 405) Aspiration hazard: No data available Chronic Toxicity Sensitization, skin and respiratory (Mouse): Not skin sensitizer (Lymph node assay) (OECD Test Guideline 429) Germ cell mutagenicity: Negative (OECD Test Guidelines 474, 475) Carcinogenicity: 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, NTP and OSHA. Reproductive toxicity: May damage the unborn child. STOT-SE: May cause respiratory irritation STOT-RE: No test data available. Other information: Prolonged or repeated exposure can cause vomiting, diarrhea, abdominal pain. (Rat), 10days at 1mg/L aerosol showed depletion of hematopoietic cells in the bone marrow and atrophy of the lymphoid tissues.
Confidential Component CAS #: Proprietary	No test data on the component itself. Summary: May be irritating to the skin and eyes.
Dimethyl glutarate CAS #: 1119-40-0	Acute Toxicity Oral LD50 (Rat): >5,000 mg/kg Dermal LD50 (Rabbit): >2,250 mg/kg Inhalation LC50 (Rat), 4hrs: 11 mg/L Skin corrosion/irritation (Rabbit): This product was not a skin irritant in rabbits when applied to intact skin for 4 hours under semi-occlusive dressings. Earlier studies indicated skin irritation is evident when applied to intact skin for 24 hours under rubber sheeting. Serious eye damage/eye irritation (Rabbit): A single application of 10 uL to the eye cause corneal opacity. The administration of 10-100 uL of a similar mixture caused corneal opacity, transient increases in corneal thickness, and transient corneal anesthesia. Chronic Toxicity Respiratory or skin sensitization: No test data available. Germ cell mutagenicity: No test data available. Carcinogenicity: No test data available. Reproductive: No test data available. Aspiration hazard: No test data available. STOT-SE: No test data available. STOT-RE: No test data available.
Dimethyl succinate CAS #: 106-65-0	Acute Toxicity Oral LD50 (Rat): >5,000 mg/kg Dermal LD50 (Rabbit): >2,250 mg/kg Inhalation LC50 (Rat), 4hrs: 11 mg/L Skin corrosion/irritation (Rabbit): This product was not a skin irritant in rabbits when applied to intact skin for 4 hours under semi-occlusive dressings. Earlier studies indicated skin irritation is evident when applied to intact skin for 24 hours under rubber sheeting. Serious eye damage/eye irritation (Rabbit): A single application of 10 uL to the eye cause corneal opacity. The administration of 10-100 uL of a similar mixture caused corneal opacity, transient increases in corneal thickness, and transient corneal anesthesia. Chronic Toxicity Respiratory or skin sensitization: No test data available. Germ cell mutagenicity: No test data available. Carcinogenicity: No test data available. Reproductive: No test data available. Aspiration hazard: No test data available. STOT-SE: No test data available. STOT-RE: No test data available.

Dimethyl adipate CAS #: 627-93-0	Acute Toxicity Oral LD50 (Rat): >5,000 mg/kg Dermal LD50 (Rabbit): >2,250 mg/kg Inhalation LC50 (Rat), 4hrs: 11 mg/L Skin corrosion/irritation (Rabbit): This product was not a skin irritant in rabbits when applied to intact skin for 4 hours under semi-occlusive dressings. Earlier studies indicated skin irritation is evident when applied to intact skin for 24 hours under rubber sheeting. Serious eye damage/eye irritation (Rabbit): A single application of 10 uL to the eye cause corneal opacity. The administration of 10-100 uL of a similar mixture caused corneal opacity, transient increases in corneal thickness, and transient corneal anesthesia. Chronic Toxicity Respiratory or skin sensitization: No test data available. Germ cell mutagenicity: No test data available. Carcinogenicity: No test data available. Reproductive: No test data available. Aspiration hazard: No test data available. STOT-SE: No test data available. STOT-RE: No test data available.
4-Nonylphenol branched, ethoxylated CAS #: 127087-87-0	Acute Toxicity Oral LD50 (Rat): 3,980 mg/kg Dermal LD50 (Rabbit): >2,000 mg/kg Inhalation LC50 (Rat), 4hrs: 1.15 mg/L Skin corrosion/irritation (Rabbit): Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin. Serious eye damage/eye irritation (Rabbit): Risk of serious damage to eyes. Chronic Toxicity Respiratory or skin sensitization: Patch test on human volunteers did not demonstrate sensitization properties. Germ cell mutagenicity: In vitro tests did not show mutagenic effects. Carcinogenicity: Animal testing did not show any carcinogenic effects. Reproductive: Did not show teratogenic effects din animal experiments. Aspiration hazard: No test data available. STOT-SE: No test data available. STOT-RE: No test data available. Additional information: Aspiration may cause pulmonary oedema and pneumonitis.

The products in question have been evaluated against the Hazardous Products Regulations (WHMIS 2015) and no additional classifications, ingredient disclosure or exposure limits are required for those regulations.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life. Avoid release to the environment.

Persistence and degradability: Readily biodegradable by OECD criteria.
Bioaccumulative potential: Not known.

Mobility in soil: Not known.
Other adverse effects: Not known.

Ecotoxicity test results: Not available for the mixture. Results for components, where available:

Components	Test Results
1-Methyl-2-pyrrolidone (NMP) CAS #: 872-50-4	Acute Toxicity Fish LC50: (Rainbow trout), 96hrs, >500 mg/L (static test) Aquatic invertebrates EC50: (Water flea), 48hrs, 4,897 mg/L (static test) Aquatic plants EC50: (Green algae), 72hrs, 672.8 mg/L Ecological Data Persistance and Biodegradability: Readily biodegradable. 73% at 28 days (OECD Test Guideline 301C) Bioaccumulation: No test data available. Mobility in soil: No test data available. Results of PBT and vPvB assessment: No test data available.

Confidential Component CAS #: Proprietary	No test data on the component itself. Summary: Not known to be hazardous to water.
Dimethyl glutarate CAS #: 1119-40-0	Acute Toxicity Fish EC50: (Flathead minnows), 96hrs, 18-24 mg/L Aquatic invertebrates EC50: (Daphnia magna), 48hrs, 112-150 mg/L Aquatic plants LOEC: (Green algae), 72hrs, 85 mg/L Ecological Data Persistence and degradability: Readily biodegradable. 97% after 4 days. Bioaccumulative potential: Does not bioaccumulate. Mobility in soil: No test data available. Note: Harmful to aquatic life.
Dimethyl succinate CAS #: 106-65-0	Acute Toxicity Fish EC50: (Flathead minnows), 96hrs, 18-24 mg/L Aquatic invertebrates EC50: (Daphnia magna), 48hrs, 112-150 mg/L Aquatic plants LOEC: (Green algae), 72hrs, 85 mg/L Ecological Data Persistence and degradability: Readily biodegradable. 97% after 4 days. Bioaccumulative potential: Does not bioaccumulate. Mobility in soil: No test data available. Note: Harmful to aquatic life.
Dimethyl adipate CAS #: 627-93-0	Acute Toxicity Fish EC50: (Flathead minnows), 96hrs, 18-24 mg/L Aquatic invertebrates EC50: (Daphnia magna), 48hrs, 112-150 mg/L Aquatic plants LOEC: (Green algae), 72hrs, 85 mg/L Ecological Data Persistence and degradability: Readily biodegradable. 97% after 4 days. Bioaccumulative potential: Does not bioaccumulate. Mobility in soil: No test data available. Note: Harmful to aquatic life.
4-Nonylphenol branched, ethoxylated CAS #: 127087-87-0	Acute Toxicity Fish EC50: (Flathead minnows), 96hrs, 3.8 – 6.2 mg/L Aquatic invertebrates EC50: (Daphnia magna), 48hrs, 9.3 – 21.4 mg/L Bacteria IC50: 16hrs, >1,000 mg/L Ecological Data Persistence and degradability: Not readily biodegradable. <60% (OECD Test Guideline 301B) Bioaccumulative potential: Bioconcentration factor (BCF): 5.9 – 48 Mobility in soil: No test data available. Note: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal: The generation of waste should be avoided or minimized wherever possible. Do not discharge into sewer system. Bacterial decomposition during wastewater treatment can result in the release of dimethyl sulfide (a volatile substance with a strong offensive odor). Spill cleanup residues may be subject to RCRA storage and disposal requirements. Dispose waste in compliance with local, state and federal regulations via licensed waste disposal contractor. Preferred method of disposal is burning in a chemical incinerator equipped with an afterburner and scrubber.

Container disposal: Even after emptying, container may retain residues. Do not heat or cut empty container with electric or gas torch since highly toxic vapors and gases can be formed. Empty containers should be completely drained and safely stored until appropriately reconditioned or disposed through licensed contractor in accordance with government regulations.
This material and its container must be disposed of in a safe way.

SECTION 14 – TRANSPORT INFORMATION

	Land transport, U.S. DOT	Sea transport, IMDG:	Air transport, IATA/ICAO:
UN/NA Number:	NA 1993	Not Dangerous Goods	Not Dangerous Goods
UN/NA Proper Shipping Name:	Combustible liquid, n.o.s. (contains 1-Methyl-2-pyrrolidone)		
Transport Hazard Class:	CL		
Packing Group:	III		
Hazard Label:	NONE		

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

U.S. Toxic Substances Control Act:

None present or none present in regulated quantities.

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components:

None present or none present in regulated quantities.

SARA Section 311/312 Hazard Categories:

Refer to hazard classification information in Section 2.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:

None present or none present in regulated quantities.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:

- 1-Methyl-2-pyrrolidone (NMP) – CAS # 872-50-4

US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts, New Jersey, Pennsylvania or Rhode Island Right to Know Substance Lists:

- 1-Methyl-2-pyrrolidone (NMP) – CAS # 872-50-4
- Dimethyl glutarate – CAS # 1119-40-0
- Dimethyl succinate – CAS # 106-65-0
- Dimethyl adipate – CAS # 627-93-0

New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:

None present or none present in regulated quantities.

California Prop. 65 Components:

WARNING: This product can expose you to chemicals including 1-Methyl-2-pyrrolidone (NMP), which is known to the State of California to cause developmental and reproductive harm. For more information, go to www.P65Warnings.ca.gov

NFPA Hazard Rating:

HEALTH	FIRE	INSTABILITY	SPECIFIC
2	2	0	
0 = Normal 1 = Slight 2 = Hazardous 3 = Extreme Danger 4 = Deadly	(Flash Points) 0 = Will not burn 1 = Above 200°F 2 = Below 200°F 3 = Below 100°F 4 = Below 73°F	0 = Stable 1 = Unstable if Heated 2 = Violent Chemical Change 3 = Shock and Heat May Detonate 4 = May Detonate	ACID (Acid) ALK (Alkaline) COR (Corrosive) OXY (Oxidizer) ~~W~~ (Use No Water)

HMIS Hazard Rating:

HEALTH	FLAMMABILITY	REACTIVITY	PROTECTIVE EQUIPMENT
2	2	0	X
0 = Normal 1 = Slight 2 = Hazardous 3 = Extreme Danger 4 = Deadly			X = Ask your Supervisor or Safety Specialist for handling instructions

Canada regulations/legislation:
Hazardous Products Regulations (HPR): This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the Hazardous Products Regulations (HPR).

Domestic Substance List (DSL)/Non-Domestic Substance List (NDSL): All ingredients are listed on the DSL/NDSL.

International Regulations/Inventories:
No additional data available.

SECTION 16 – OTHER INFORMATION

LEGEND	
GHS	Globally Harmonized System
CAS	Chemical Abstracts Services
EC	European Community
EPA	Environmental Protection Agency
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute of Occupational Safety and Health
PEL	Permissible Exposure Limits
TLV	Threshold Limit Value
REL	Recommended Exposure Limit
TWA	Time-Weighted Average
STEL	Short-term exposure limit
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
COD / BOD	Chemical Oxygen Demand / Biological Oxygen Demand
PACs / PAHs	Polycyclic Aromatic Compounds / Polycyclic Aromatic Hydrocarbon Content
STOT, SE	Specific Target Organ Toxicity following Single Exposure
STOT, RE	Specific Target Organ Toxicity following Repeated Exposure
DOT	Department of Transportation
IMDG	International maritime dangerous goods code
IATA, ICAO	International Air Transport Association, International Civil Aviation Organization
TSCA	Toxic Substances Control Act
EPCRA	Emergency Planning and Community Right-to-Know Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
RQ	Reportable Quantity
EHS	Extremely Hazardous Substances
DSL	Domestic Substance List
WHMIS	Workplace Hazardous Materials Information System

Latest revision date: November 18, 2020 – Internal Review
Date of the previous revision: September 8, 2017

Disclaimer: The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. **Rhino Linings Corporation** makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.