



CANBERRA CORPORATION SAFETY DATA SHEET

1. Identification

Product identifier: RONBAR STAINLESS STEEL POLISH (OIL BASED)

Recommended use: Cleaner

Recommended restrictions: None known.

Supplier information: CANBERRA CORP.
3610 N. HOLLAND-SYLVANIA RD
TOLEDO, OH 43615 United States
Phone: 419-841-6616 **Emergency telephone US:** 1-866-836-8855

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Flammable Aerosols - Category 1
Serious eye damage/eye irritation - Category 2A
Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

Label Elements:

Symbol:



Signal word: **DANGER**

Hazard statements: Extremely flammable aerosol. May cause drowsiness or dizziness. Causes serious eye irritation.

Precautionary statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only in a well-ventilated area. Wear eye or face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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. If eye irritation persists; Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
See 4. First-Aid Measures for specific treatment.
Store locked up in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container to an approved disposal facility.

Other Hazards: None known.

3. Composition / Information on Ingredients

Chemical characterization: Mixture of solvents and auxiliary agents.

Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

20 - 40% Distillates (Petroleum), Hydrotreated Light	CAS 64742-47-8
20 - 40% White Mineral Oil	CAS 8042-47-5
10 - 20% Acetone	CAS 67-64-1
10 - 20% Propane	CAS 74-98-6
2 - 10% Methyl Acetate	CAS 79-20-9
0.1 - 1% Odorless Mineral Spirits	CAS 64741-65-7

4. First-aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed: May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: Ensure medical personnel are aware of material involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media: Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special protective equipment and precautions for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards: Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Environmental precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling: Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment.

Conditions for safe storage, including any incompatibilities: Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials.

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m ³ (1000 ppm)
Methyl Acetate (CAS 79-20-9)	PEL	610 mg/m ³ (200 ppm)
Propane (CAS 74-98-6)	PEL	1800 mg/m ³ (1000 ppm)

US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m ³ (250 ppm)
Methyl Acetate (CAS 79-20-9)	STEL	760 mg/m ³ (250 ppm)
	TWA	610 mg/m ³ (200 ppm)
Propane (CAS 74-98-6)	TWA	1800 mg/m ³ (1000 ppm)

Appropriate engineering controls: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Hand protection: Wear appropriate chemical resistant gloves.

Other: Wear appropriate chemical resistant clothing.

Respiratory protection: If permissible levels are exceeded use NIOSH organic vapor cartridge or an air-supplied respirator.

General hygiene considerations: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state: Gas.

Color: Not available.

Odor threshold: Not available.

Melting point/freezing point: Not available.

Evaporation rate: Not available.

Upper/lower flammability or explosive limits

Flammability limit – lower (%): 2.5 % estimated

Explosive limit - lower (%): Not available.

Vapor pressure: 45 - 65 psig @70F estimated

Relative density: Not available.

Partition coefficient (n-octanol/water): Not available. **Auto-ignition temperature:** 488.23 °F (253.46 °C) estimated

Decomposition temperature: Not available.

Specific gravity: 0.683 estimated

Flash point: -156.0 °F (-104.4 °C) Propellant estimated.

Form: Aerosol.

Odor: Not available.

pH: Not available.

Initial boiling point/boiling range: 62.28°F (16.82°C) estimated

Flammability (solid, gas): Not available.

Flammability limit – upper (%): 12 % estimated

Explosive limit - upper (%): Not available.

Vapor density: Not available.

Solubility (water): Not available.

Viscosity: Not available.

10. Stability and reactivity

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

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Acids. Strong oxidizing agents. Nitrates.

Hazardous decomposition products: No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion: Not available.

Inhalation: May cause drowsiness/dizziness. Headache. Nausea, vomiting. Narcotic effects. Inhalation may be harmful.

Skin contact: No adverse effects due to skin contact are expected. **Eye contact:** Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics: May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, redness, swelling, and blurred vision.

Information on toxicological effects:

Acute toxicity: Narcotic effects.

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory sensitization: Not available. **Skin sensitization:** This product is not expected to cause skin sensitization.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure: May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: Not available.

Chronic effects: Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Waste from residues/unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging: Empty containers should be taken to an approved waste site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT: UN number UN1950

UN proper shipping name: Aerosols, flammable **Class:** 2.1

Packing group: Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Packaging exceptions: Product meets exception requirements of sec.173.306 and may be shipped as limited quantity.

General information IMDG Regulated Marine Pollutant.

15. Regulatory information**US federal regulations:**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Acetone Listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories:

Immediate Hazard – Yes

Delayed Hazard – No

Fire Hazard – Yes

Pressure Hazard – Yes

Reactivity Hazard – No

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Propane

Safe Drinking Water Act (SDWA): Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Acetone 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)): Acetone 35% W/V

DEA Exempt Chemical Mixtures Code Number: Acetone 6532

US state regulations

US. Massachusetts RTK - Substance List

US. New Jersey Worker and Community Right-to-Know Act

US. Pennsylvania Worker and Community Right-to-Know Law

Acetone Methyl Acetate Propane

US. Rhode Island RTK

Acetone Propane

US. California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information, including date of preparation or last revision

Issue date 12-31-2014

Revision date 12-31-2014

Version #01

Disclaimer The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

January 1, 2015

Dear Valued Customer
Re: GHS Compliant labels and SDS

We would like to take this opportunity to provide you with an update to the status of GHS compliant labeling and Safety Data Sheets (SDS) for product manufactured by Canberra Corporation.

Since the issuance of the new Hazard Communication Standard by OSHA in 2012, the Canberra team has been working diligently to collect data, review information, classify formulations, edit and update our internal master labels and MSDS. This process is nearing completion.

As of Jan. 1, 2015, we plan to begin converting customer labeling to GHS compliant format and although we cannot change every customer's label overnight, you will begin to see new labeling being shipped as the conversion process occurs. We also intend to begin providing GHS compliant SDS for products ordered after Jan. 1, 2015. For Husky brand, these SDS can be found on our website at www.canberracorp.com. For your company brand labeled products, we will be sending updated SDS as the product is shipped. Please alert your SDS coordinator to watch for these new documents.

We are also happy to provide electronic versions of the SDS to you upon request. Please email that request to customerservice@canberracorp.com.

This process has been quite a challenge, and we appreciate the patience you've shown to allow us to manage it effectively. We sincerely appreciate the business you place with us and will strive to exceed your expectations for that business.

Sincerely,
John Wiegand
V.P. Research and Development
Canberra Corporation



