1. Identification

Product identifier: HydroForce® Stainless Steel Cleaner and Polish
Product code No. 14424 (Item #1004977)
Recommended use Stainless steel cleaner
Restrictions None known.
Manufactured or sold by:
CRC Industries, Inc., 885 Louis Drive, Warminster, PA 18974
Phone: 215-674-4300
Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

2. Hazard(s) identification

Physical hazards Gases under pressure (Liquefied gas)
Health hazards Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Aspiration hazard (Category 1)
Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
water	7732-18-5	50 – 60
white mineral oil	8042-47-5	20 – 30
hydrotreated light distillates	64742-47-8	5 – 10
liquefied petroleum gas	68476-86-8	5 – 10
dioctyl sodium sulfosuccinate	577-11-7	1 – 3

(Specific chemical identity and/or percentage of composition has been withheld as a trade secret.)

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.
Skin contact Remove contaminated clothing. Wash off immediately with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion Call a physician or poison control center immediately. Rinse mouth.
Most important symptoms/effects Aspiration hazard. Skin and eye irritation.
Special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO_2).
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards During fire, gases hazardous to health may be formed. Pressurized container may rupture when exposed to heat or flame.
Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do it without risk. Containers should be cooled with water to prevent vapor pressure build up.

6. Accidental release measures

Personal precautions Many vapors are heavier than air and will spread along ground and collect in low or confined areas. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Emergency personnel need self-contained breathing equipment. Ventilate closed spaces before entering them.
Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Wipe up with absorbent material and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

7. Handling and storage

Handling Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not get this material in contact with eyes. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash thoroughly after handling.
Storage Store in a cool, dry place (below 120°F/49°C) and out of direct sunlight. Store in a well-ventilated place, away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
hydrotreated light distillates	PEL	400 mg/m3
white mineral oil	TWA	5 mg/m3

Appropriate engineering controls Mechanical ventilation or local exhaust ventilation is recommended.
Individual protection measures:
Eye/face protection Wear safety glasses with side shields (or goggles).
Skin protection Wear protective gloves such as nitrile or PVC.
Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies.

9. Physical and chemical properties

Appearance Milky white liquid.
Odor Mild petroleum.
Odor threshold Not available.
pH 10.5
Melting point/freezing point -56 °F (-49 °C)
Initial boiling point 200 °F (93 °C)
Flash point None (Tag Closed Cup)
Evaporation rate Slow
Explosive limit - lower (%) 0.6
Explosive limit - upper (%) 23.5
Vapor pressure 322 hPa
Vapor density Not available.
Relative density 0.92
Solubility(ies) Soluble in water
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature 428 °F (220 °C)
Decomposition temperature Not available.
Viscosity Not available.
VOC (Weight %): 14.5% (1.1 lb/gal, 137 g/l)

10. Stability and reactivity

Reactivity Non-reactive
Chemical stability Stable
Possibility of hazardous reactions No
Conditions to avoid Heat, flames and sparks. Sunlight. Incompatible materials.
Incompatible materials Strong oxidizing agents.
Hazardous decomposition products Carbon oxides.

11. Toxicological information

Information on likely routes of exposure:
Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation Prolonged inhalation may be harmful.
Skin contact Causes skin irritation.
Eye contact Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics Aspiration hazard. Skin and eye irritation.
Information on toxicological effects:
Respiratory sensitization Not a respiratory sensitizer.
Skin sensitization Not expected to cause skin sensitization.
Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity Not expected to cause reproductive or developmental effects.
Aspiration hazard May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.
Chronic effects Prolonged exposure may cause chronic effects.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions The dispensed liquid product is not a RCRA hazardous waste. Empty containers may be recycled.
Hazardous waste code Not regulated.

14. Transport information

DOT shipping description: UN1950, Aerosols, non-flammable, 2.2, limited quantity

15. Regulatory information

SARA 313 None
See full SDS for additional information

16. Other information

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