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Spray Nine Canada Ltd.
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: SPRAY NINE GREZ-OFF HEAVY DUTY DEGREASER 32 FL.OZ
Item No: 22732
Product Type: Degreaser

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH TLV: TWA	OSHA PEL:
PROPYLENE GLYCOL MONOBUTYL ETHER 5131-66-8	1-5	Not listed	Not Listed
ETHOXYLATED C9-C11 ALCOHOLS 68439-46-3	1-5	Not listed	Not Listed
SODIUM METASILICATE 6834-92-0	1-5	Not listed	Not Listed
ISOPROPYL ALCOHOL 67-63-0	1-5	200 ppm TWA	400 ppm TWA; 980 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. May be harmful if swallowed. Breathing mist may be harmful or cause irritation.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Liquid or vapors may cause eye irritation. Vapor is irritating to mucous membranes. Liquid may cause skin irritation upon prolonged contact. Ingesting may cause abdominal pain and vomiting.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ISOPROPYL ALCOHOL 67-63-0	1-5		A4 Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977

Medical Conditions Recognized as Being Aggravated by Exposure: None known. Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Drink water or milk. Seek medical attention immediately.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. If irritation persists or signs of toxicity occur, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Not applicable
Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam
Special Fire-Fighting Procedures: Wear suitable protective equipment. Use water spray to cool exposed containers.
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen
Unusual Fire/Explosion Hazards: None
Lower Explosive Limit: Not determined
Upper Explosive Limit: Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Wear appropriate protective and respiratory equipment. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Clean up spills thoroughly as residue is slippery.

7. HANDLING AND STORAGE

Storage: Keep containers tightly closed in a cool, well-ventilated place. Do not allow freezing.
Handling: Avoid contact with skin and eyes. Product may cause surfaces to become slippery.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Wear chemical resistant gloves if repeated skin contact occurs or causes irritation.
Ventilation: General ventilation is usually adequate.
Respiratory Protection: Not required under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Orange liquid
Odor: CITRUS
Boiling Point: 212°F (100°C)
pH: 12.4
Solubility in Water: SOLUBLE
Specific Gravity: 1.01 g/ml
VOC Content(Wt.%): <5%
Vapor Pressure: 18 mm
Vapor Density (Air=1): Unknown
Evaporation Rate: <1 (butyl acetate=1)

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers
Conditions to Avoid: Freezing
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Unrestricted
Hazard Class: None
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: None
UN/ID Number: None

IMDG

Proper Shipping: Unrestricted
Hazard Class: None

Product Name: SPRAY NINE GREZ-OFF HEAVY DUTY
DEGREASER 32 FL.OZ

Item No: 22732

UN Number: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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