MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name **841 – Prime Source Stainless Steel Cleaner Oil Based #760007691**

CAS # Mixture

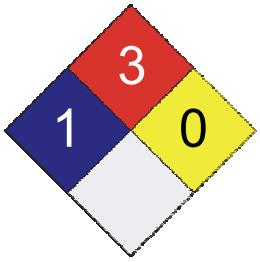
Product Use Cleaner

Manufacturer Prime Source

St. Louis, MO 63141
Phone: 1-800-332-9000
Emergency Phone: 1-866-836-8855

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/	1
Flammability		3
Physical Hazard		0
Personal Protection		X



2. Hazards Identification

Emergency Overview DANGER
EYE IRRITANT. Skin irritation possible with prolonged exposure.
Extremely flammable. Contents under pressure. Containers may explode when heated.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes Causes irritation or blurred vision.

Skin Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Inhalation Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Target organs Eyes. Respiratory system. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Propane	74-98-6	10 - 30
Naphtha (petroleum), hydrotreated heavy	64742-48-9	10 - 30
Acetone	67-64-1	10 - 30
Distillates (petroleum), light hydrotreated	64742-47-8	15 - 40
Methyl acetate	79-20-9	7 - 13

4. First Aid Measures

First aid procedures

Eye contact Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin contact Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
Ingestion	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting Measures

Flammable properties	Flammable aerosol by flame projection test. Containers may explode when heated.
Extinguishing media	
Suitable extinguishing media	Fog. Alcohol foam. Dry chemical. Carbon dioxide.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Protection of firefighters	
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
Protective equipment for firefighers	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Do not store at temperatures above 49°C (120.2°F). Keep away from heat, open flames or other sources of ignition.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure limits
Acetone	**ACGIH-TLV** TWA: 500 ppm STEL: 750 ppm
Distillates (petroleum), light hydrotreated	**ACGIH-TLV** Not established
Methyl acetate	**ACGIH-TLV** TWA: 200 ppm STEL: 250 ppm
Naphtha (petroleum), hydrotreated heavy	**ACGIH-TLV** Not established
Propane	**ACGIH-TLV** TWA: 1000 ppm

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye/Face protection Wear safety glasses with side shields.

Hand protection Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection As required by employer code.

Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance	Compressed liquefied gas
Colour	Clear Colourless
Form	Misty spray
Odour	solvent / Lemon.
Odour threshold	Not available
Physical state	Gas
pH	Not available
Freezing point	Not available
Boiling point	161.00 °C (321.8 °F) (estimated)
Flash point	< -17.77 °C (< 0 °F) (Propellant)
Evaporation Rate	Not available
Flammability	37.56 kJ/g (Esimated)
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	453 kPa
Vapour density	Not available
Specific gravity	0.8152 (Concentrate)
Octanol/water coefficient	Not available
Solubility (H2O)	Negligible
Auto-ignition temperature	Not available
VOC (Weight %)	Not available
Viscosity	Not available

Percent volatile	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Aerosol containers are unstable at temperatures above 49°C (120.2°F). Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Acetone	> 16000 mg/m3 rat
Distillates (petroleum), light hydrotreated	5.2 mg/l/4h rat
Methyl acetate	16000 mg/l/4h rat
Naphtha (petroleum), hydrotreated heavy	Not available
Propane	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Acetone	5800 mg/kg rat
Distillates (petroleum), light hydrotreated	5000 mg/kg rat
Methyl acetate	5000 mg/kg rat; 3705 mg/kg rabbit
Naphtha (petroleum), hydrotreated heavy	5000 mg/kg rat
Propane	Not available

Effects of acute exposure

Eye	Causes irritation or blurred vision.
Skin	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.

ACGIH - Threshold Limits Values - Carcinogens

Acetone	67-64-1	A4 - Not Classifiable as a Human Carcinogen

Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.

12. Ecological Information

Ecotoxicity effects Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Algae Data

Methyl acetate	79-20-9	72 Hr EC50 Scenedesmus subspicatus: >120 mg/L

Ecotoxicity - Freshwater Fish Species Data

Acetone	67-64-1	96 Hr LC50 Oncorhynchus mykiss: 5540 mg/L [static]; 96 Hr LC50 Pimephales promelas: 6210 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 8300 mg/L [static]
Distillates (petroleum), light hydrotreated	64742-47-8	96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static]
Methyl acetate	79-20-9	96 Hr LC50 Pimephales promelas: 320 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 250 mg/L [static]
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Pimephales promelas: 2200 mg/L

Ecotoxicity - Microtox Data

Acetone	67-64-1	15 min EC50 Photobacterium phosphoreum: 14500 mg/L
Methyl acetate	79-20-9	30 min EC50 Photobacterium phosphoreum: 6100 mg/L; 16 Hr EC50 Pseudomonas putida: 6000 mg/L

Ecotoxicity - Water Flea Data

Acetone	67-64-1	48 Hr EC50 water flea: 0.0039 mg/L; 48 Hr EC50 water flea: 12700 mg/L [Static]; 48 Hr EC50 Daphnia magna: 12600 mg/L
Distillates (petroleum), light hydrotreated	64742-47-8	96 Hr LC50 Den-dronereides heteropoda: 4720 mg/L
Methyl acetate	79-20-9	48 Hr EC50 Daphnia magna: 1026.7 mg/L
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Chaetogammarus marinus: 2.6 mg/L

Environmental effects Not available

Aquatic toxicity Not available

Persistence and degradability Not available

Bioaccumulation/accumulation Not available

Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

13. Disposal Considerations

Waste codes Not available

Disposal instructions Dispose in accordance with all applicable regulations.

Waste from residues / unused products Not available

Contaminated packaging Not available

14. Transport Information

Transportation of Dangerous Goods (TDG)

Basic shipping requirements:

Proper shipping name AEROSOLS, flammable

Hazard class 2.1

UN number UN1950

Additional information:

Special provisions 80

Packaging exceptions <1L - Consumer Commodity

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

Acetone	67-64-1	1 %
Methyl acetate	79-20-9	1 %

WHMIS classification Class A - Compressed Gas, Class B - Division 5; Flammable Aerosol, Class D - Division 2B

WHMIS status Controlled

WHMIS labeling

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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