



SAFETY DATA SHEET

Revision Date 06/04/2015

REVISION NUMBER: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name 136 KARE-N-SHINE, Natural Citrus Stainless Steel Cleaner

Other means of identification

Product code 117675

UN/ID No. 1950

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning agent.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

See Distributor information.

Importer

Rochester Midland Limited

5353 John Lucas Drive

Suite 103

Burlington, ON L7L 6G5

Canada

Distributor

Rochester Midland Corporation

155 Paragon Drive

Rochester, New York 14624 USA

Emergency telephone number

EMERGENCY TELEPHONE

INFOTRAC: 1-800-535-5053

OUTSIDE U.S.: +1-352-323-3500

CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Aspiration toxicity	Category 1
Flammable Aerosols	Category 1

Label elements


Emergency Overview

DANGER

Hazard statements

May be fatal if swallowed and enters airways

Extremely flammable aerosol



Appearance No information available
Physical state Aerosol Gas
Odor Citrus

Precautionary Statements - Prevention

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

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

No information available

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Propane	74-98-6	2.5 - 10	*
Butane	106-97-8	10 - 20	*
Petroleum distillate	64742-47-8	10 - 20	*
White mineral oil	8042-47-5	10 - 20	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General advice	Immediately call a POISON CENTER or doctor/physician.
Eye contact	IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	IF ON SKIN: Wash with soap and water.
Inhalation	IF INHALED: Remove to fresh air.
Ingestion	IF SWALLOWED: Call a poison control center or physician immediately. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Alcohol resistant foam. Water spray (fog). Dry chemical. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

EXTREMELY FLAMMABLE. Pressurized container may explode when exposed to heat or flame.

Explosion data

Sensitivity to Mechanical Impact NONE.

Sensitivity to Static Discharge NONE.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do it without risk. Cool exposed containers with water spray. In the event of fire and/or explosion do not breathe fumes. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Evacuate personnel to safe areas. Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate affected area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions**Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so. Stop the flow of gas or remove cylinder to outdoor location if this can be done without risk. If leak is in container or container valve, contact the appropriate emergency telephone number in Section 1. Isolate area until gas has dispersed.

Methods for cleaning up

Pick up with absorbant material. Following product recovery, flush area with water.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling**

Contents under pressure. Never pierce, drill, grind, cut, saw or weld any empty container. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Do not reuse container. Avoid contact with eyes, skin and clothing. Avoid prolonged contact. Use only in well-ventilated areas. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Protect from sunlight. Store at temperatures not exceeding 50 °C/ 122 °F. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Store in a cool, dry location away from incompatible materials.

Incompatible materials Strong oxidizing agents. Fluorine. Chlorine. Nitrates.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane 74-98-6	TWA: 1000 ppm	(vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ TWA: 1000 ppm TWA: 1800 mg/m ³	2100 ppm
Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	-
White mineral oil 8042-47-5	TWA: 5 mg/m ³ inhalable fraction excluding metal working fluids, highly & severely refined	(vacated) TWA: 5 mg/m ³ TWA: 5 mg/m ³	2500 mg/m ³

Appropriate engineering controls

ENGINEERING CONTROLS Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses are recommended to minimize eye contact.
- Skin and body protection** Chemical resistant gloves are recommended to minimize skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
- RESPIRATORY PROTECTION** Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

General Hygiene Considerations Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol Gas	Odor	Citrus
Appearance	No information available	Odor threshold	No information available
Color	No information available		
Property	Values	Remarks • Method	
pH	6.1	+/- 0.5	
Melting point/freezing point	No information available		
Boiling point / boiling range	110 °C / 230 °F		
Flash point	-104 °C / -156 °F	Estimated for propellant	
Evaporation rate	No information available		

Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	3190 - 4220	mm Hg @ 20°C
Vapor density	No information available	
Specific gravity	0.948	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	200 °C / 392 °F	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
VOC (EPA METH.24) (G/L):	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

REACTIVITY

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

CONDITIONS TO AVOID

Extremes of temperature and direct sunlight. Heat, flames and sparks. Incompatible materials.

Incompatible materials

Strong oxidizing agents. Fluorine. Chlorine. Nitrates.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	Aspiration into lungs can produce severe lung damage.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	HARMFUL - MAY CAUSE LUNG DAMAGE IF SWALLOWED.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h

Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Petroleum distillate 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
White mineral oil 8042-47-5	> 5000 mg/kg (Rat)	-	= 2062 ppm (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

PRODUCT COMPOSITION	ACGIH	IARC	NTP	OSHA
White mineral oil 8042-47-5	A2	-	-	-

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information**12. ECOLOGICAL INFORMATION****Ecotoxicity**

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea
Petroleum distillate 64742-47-8	-	2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static	-
White mineral oil 8042-47-5	-	10000: 96 h Lepomis macrochirus mg/L LC50	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

PRODUCT COMPOSITION	Partition coefficient
Propane 74-98-6	2.8
Butane 106-97-8	2.89
White mineral oil 8042-47-5	6

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container. Pressurized container: Do not pierce or burn, even after use.

14. TRANSPORT INFORMATION

DEPT. OF TRANSPORTATION

UN/ID No.	1950
Proper shipping name	AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity)
Hazard Class	2.1
Description	5 Liters (1.3 Gallons) and Less may be Classed as LTD. QTY.

TDG

UN/ID No.	1950
Proper shipping name	AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity)
Hazard Class	2.1
Description	1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	YES
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	YES
Sudden release of pressure hazard	YES
REACTIVE HAZARD	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
Propane 74-98-6	1594	Listed	Listed
Butane 106-97-8	0273	Listed	Listed
White mineral oil 8042-47-5		Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 2

Flammability 4

Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 2

Flammability 4

Physical hazards 0

Personal protection B

Revision Date 06/04/2015

Revision Note

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.

*** END OF SDS ***