



Issue date 28-Nov-2016

Safety Data Sheet

Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name PROSALL CITRA CLEAN ALL-SURFACE CLEANER, DUSTER & POLISH
Chemical name 7-8190-1

Other means of identification

Product code FG 433-1127-2
Synonyms General purpose cleaner

Recommended use of the chemical and restrictions on use

Recommended Use Various types of surfaces.
Uses advised against DO NOT USE ON FLOORS

Details of the supplier of the safety data sheet

Supplier Address ProsALL Products a Division of Chase Products Co.
P.O. Box 7502
Westchester, IL 60154
Manufacturer Address Chase Products Co.
2727 Gardner Road
Broadview, IL 60155
708-273-1121

Emergency Telephone Number

Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

Skin sensitization	Category 1
FLAMMABLE AEROSOLS	Category 2
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

Warning

hazard statements

May cause an allergic skin reaction
Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance White, creamy emulsion.

Physical State Aerosol

Odor Citrus odor

Precautionary Statements - Prevention

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Avoid breathing fumes, mist, vapors or spray.
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
Keep away from heat, sparks, open flames and hot surfaces. — No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response

Specific treatment: See additional cautionary statements on this label.
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place
Do not expose to temperatures exceeding 122 °F (50 °C)

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- Toxic to aquatic life with long lasting effects
- 1.202% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Common Name All-purpose cleaner.
Synonyms General purpose cleaner.
Chemical Family MIXTURES.
Formula 7-8190-1
Chemical nature Emulsion of white mineral oil and water.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	70-75	*
White Mineral Oil USP	8042-47-5	15-20	*
D-Limonene	5989-27-5	1-5	*
Propane	74-98-6	1-5	*
N-Butane	106-97-8	1-5	*

Chemical Additions Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinogenes are listed when present at 0.1% or greater.

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

4. First aid measures

FIRST AID MEASURES

Eye Contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

Inhalation If overcome by vapor, move person to fresh air. Restore respiration if necessary. Get medical attention if injury develops.

Ingestion Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation. Chronic: D-limonene may cause allergic skin reactions.

Indication of any immediate medical attention and special treatment needed

Note to physicians None needed.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products Thermal decomposition may release carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate general or local exhaust ventilation.

For emergency responders Remove all sources of ignition.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Keep out of reach of children. **AEROSOL STORAGE LEVEL I (NFPA-30B) .**

Incompatible Materials Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³

Appropriate engineering controls

Engineering controls Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

- Eye/face Protection** Conventional eyeglasses to guard against splashing.
- Skin and Body Protection** Household type gloves, recommended.
- Respiratory protection** None required if used in a well-ventilated area .

General hygiene considerations Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Citrus odor
Appearance	White, creamy emulsion.	Odor threshold	No information available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.20	No information available
Melting point/freezing point	Not applicable	No information available
Boiling point/boiling range	Water 212 °F/100 °C	No information available
Flash Point	This product is very similar in composition to another product which was tested for Enclosed Space Ignition Test. Since that products is a Category 2 flammable aerosol, this product is also considered Category 2 flammable aerosol.	No information available
Evaporation Rate	Faster than butyl acetate	No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
Upper flammability limits	Not available	
Lower Flammability Limit	Not available	
Vapor pressure		No information available
Vapor Density		No information available
Relative Density	0.955 concentrate	No information available
Water solubility		insoluble
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition Temperature		No information available
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
Molecular weight	No information available
VOC content (%)	7.98%
Density	7.96b/gal
Bulk Density	No information available

10. Stability and Reactivity

Reactivity
Not applicable

Chemical stability
Stable.

Possibility of hazardous reactions
Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Temperatures above 122 °F (50 °C).

Incompatible Materials
Avoid heat, open flame and contact with strong oxidizers.

Hazardous decomposition products
Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product Information	This product has not been tested as whole. See below for information on ingredients.
Inhalation	No data available.
Eye Contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
White Mineral Oil USP 8042-47-5	> 5000 mg/kg (Rat)	-	-
D-Limonene 5989-27-5	= 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h

Information on toxicological effects

Symptoms Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

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

Skin corrosion/irritation May cause skin irritation and reddening after prolonged or repeated contact with skin. D-limonene may cause allergic skin reactions. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.

Serious eye damage/eye irritation Can cause irritation after contact with the eyes.

corrosivity Not applicable.

sensitization May cause sensitization of susceptible persons.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. Exposure to d-limonene has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

Chemical name	ACGIH	IARC	NTP	OSHA
D-Limonene 5989-27-5		Group 2A Group 3		X

Reproductive toxicity D-limonene has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration Hazard Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 1.202% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .
ATEmix (oral) 22933 mg/kg
ATEmix (inhalation-gas) 8138226 mg/l
ATEmix (inhalation-vapor) 16450 mg/l

12. Ecological Information

This product contains a chemical which is listed as a marine pollutant according to DOT.

ecotoxicity

5.202% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
White Mineral Oil USP 8042-47-5		10000: 96 h Lepomis macrochirus mg/L LC50		
D-Limonene 5989-27-5		35: 96 h Oncorhynchus mykiss mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through		

Persistence and degradability
 No information available.

Bioaccumulation
 No information available.

Chemical name	Partition coefficient

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White Mineral Oil USP 8042-47-5	>6
Propane 74-98-6	2.3
N-Butane 106-97-8	2.89

Other adverse effects No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

Chemical name	California Hazardous Waste Status
D-Limonene 5989-27-5	Toxic

14. Transport Information

DOT

UN/ID no	Limited Quantity
Proper Shipping Name	Consumer Commodity
Hazard Class	ORM-D
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to DOT.

15. Regulatory information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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	No

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Sudden release of pressure hazard No
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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
Propane 74-98-6	X	X	X
N-Butane 106-97-8	X	X	X

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

NFPA	Health Hazards 1	Flammability 1	Instability 1	Physical and chemical properties Not applicable
HMIS	Health Hazards 1	Flammability 2	Physical hazards 1	Personal Protection B - Eyes and hands protection

Prepared by Regulatory Department
Issue date 28-Nov-2016

Revision note

This SDS supersedes a previous MSDS dated September 12, 2013.

Disclaimer

The information provided in this Material 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 Safety Data Sheet