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Revision Number :0

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

GHS product identifier

Product Name Rustlick 631 Aerosol

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Industrial use

Uses advised against No information available

Manufacturer

Manufacturer Name/Address/Phone Number

ITW Pro Brands
616 East Industrial Street
DeWitt, IA 52742
TEL: 1-800-241-8334 for US/ +1 770-243-8800 outside US

Emergency telephone number

Emergency Telephone Number CHEMTREC: 1-800-424-9300 for US/ 703-527-3887 outside US

2. HAZARDS IDENTIFICATION

Classification

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

Flammable Aerosols	Category 1
Gases Under Pressure	Liquefied Gas

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word

Danger

Hazard Statements

- Extremely flammable aerosol
- Contains gas under pressure; may explode if heated

Appearance: Brown

Physical State: Liquid

Odor: Hydrocarbon-like



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.

General Advice

- None

Storage

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

Disposal

- None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

No information available.

9.5% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight%	Trade Secret
Petroleum distillates, hydrotreated light	64742-47-8	30-60	*
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	7-13	*
Propane	74-98-6	7-13	*
Butane	106-97-8	5-10	*

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

4. FIRST AID MEASURES

Description of necessary first-aid measures**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact

Wash skin with soap and water. Get medical advice/attention if irritation persists.

Inhalation

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Ingestion IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use: Water spray, Carbon dioxide (CO₂), Foam, Dry chemical.

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

Specific Hazards Arising from the Chemical

Flammable. Containers may explode when heated. Cool containers/tanks with water spray Pressurized container. Do not pierce or burn, even after use.

Hazardous Combustion Products Carbon oxides, Hydrocarbons.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes.

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 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not puncture or incinerate cans.

Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment A vapor suppressing foam may be used to reduce vapors.

Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use clean non-sparking tools to collect absorbed material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling**Handling**

Keep away from heat, sparks and open flame. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities**Storage**

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

Incompatible Products

Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 5 mg/m ³ STEL: 10 mg/m ³ (as oil mist)	TWA: 5 mg/m ³ (as oil mist)	-
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	IDHL: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
Butane	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls**Engineering Measures**

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin and Body Protection

Protective gloves.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Brown
Odor	Characteristic	Odor Threshold	No information available
Property	Values	Remarks/ - Method	
Ph	No data available	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	No data available	None known	
Flash Point	-104 °C / -156 °F	PMCC	
Evaporation rate	>1	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available		
Vapor Density	>1	None known	
Specific Gravity	0.81	None known	
Water Solubility	Insoluble in water.	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	No data available	None known	
Viscosity, kinematic	> 20.5 mm ² /s		
Flammable Properties	Not flammable		
Explosive Properties	No data available		
Oxidizing Properties	No data available		
Other information			
VOC Content (%)	> 72%		

10. STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames, sparks. Protect from sunlight Temperatures above 50°C/122°F.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon oxides, Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation

There is no data available for this product.

Eye Contact

There is no data available for this product.

Skin Contact

There is no data available for this product.

Ingestion

There is no data available for this product.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated Light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Propane	-	-	= 658 mg/L (Rat) 4 h
Butane	-	-	= 658 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenicity

Petroleum products are known to cause cancer because of carcinogenic components (e.g. benzene, DMSO). These carcinogenic components are typically found in crude petroleum products and are removed through the refinement process.

ACGIH: (American Conference of Governmental Industrial Hygienists)

None

OSHA: (Occupational Safety & Health Administration)

X – Present

Reproductive Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration Hazard

No information available.

Numerical measures of toxicity – Product

Acute Toxicity

9.5% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified

<9.5 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated heavy naphthenic 64742-47-8		LC50 96 h: = 45 mg/L flow-through (Pimephales promelas) LC50 96 h: = 2.2 mg/L static (Lepomis macrochirus) LC50 96 h: = 2.4 mg/L static (Oncorhynchus mykiss)		LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda)
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5		LC50 96 h: > 5000 mg/L (Oncorhynchus mykiss)		EC50 48 h: > 1000 mg/L (Daphnia magna)

Persistence and Degradability
Bioaccumulation

No information available.
No information available.

Chemical Name	Log Pow
Propane	2.3
Butane	2.89

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261).

Contaminated Packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Do not re-use empty containers.

US EPA Waste Number

D001

14. TRANSPORT INFORMATION

DOT

UN-Number	Consumer commodity
Proper shipping name	ORM-D
Hazard Class	Consumer commodity, ORM-D
Emergency Response Guide Number	126

TDG

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1, Limited Quantity

MEX

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1, Limited Quantity

ICAO

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1

IATA

UN-Number	UN1950
Proper shipping name	Aerosols, flammable
Hazard Class	2.1
ERG Code	10L
Description	UN1950, Aerosols, 2.1, Limited Quantity

IMDG/IMO

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2
Subsidiary Class	See SP63
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1, (See SP63), (-104°C c.c.), Limited Quantity

RID

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2
Classification Code	5F
Description	UN1950, Aerosols, 2.1, Limited Quantity

ADR

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2
Classification Code	5F
Tunnel Restriction Code	(D)
Description	UN1950, Aerosols, 2.1, (D), Limited Quantity

ADN

Proper shipping name	Aerosols
Hazard Class	2
Classification Code	5F
Special Provisions	190,327,344, 625
Description	UN1950, Aerosols, 2.1, (D), Limited Quantity
Limited Quantity	1 L
Ventilation	VE01, VE04

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

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	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

Clean Water Act

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

U.S. 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	Illinois	Rhode Island
Petroleum distillates, hydrotreated heavy naphthenic				X	

Propane	X	X	X	-	X
Butane	X	X	X		X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA Health Hazard 0 Flammability 3 Instability 0 Physical and Chemical Hazards -
HMS Health Hazard 0 Flammability 3 Physical Hazard 0 Personal Protection X

Prepared By

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Revision Date 11-May-2015

Revision Note No information available.

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet