

1. Identification

Product identifier

Product Name Super Grease Ejector Pin Grease

Other means of identification

SDS # 43911P-MX

Product Code 43911P

Recommended use of the chemical and restrictions on use

Recommended Use Industrial Grease

Details of the supplier of the safety data sheet

Manufacturer Address

Slide Products Inc.
430 Wheeling Road
Wheeling, IL 60090
Phone: 1-847-541-7220
Fax: 1-847-541-7986

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2 - (H315)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Aspiration hazard	Category 1 - (H304)
Flammable aerosols	Category 1 - (H222)
Gases under pressure	Compressed gas - (H280)

Label elements

Signal word

Danger

Hazard statements

- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H361 - Suspected of damaging fertility or the unborn child
- H222 - Extremely flammable aerosol
- H280 - Contains gas under pressure; may explode if heated



Exclamation mark
Health hazard
Flame
Gas cylinder

Precautionary Statements - Prevention

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P264 - Wash face, hands and any exposed skin thoroughly after handling
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical advice/attention

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P362 + P364 - Take off contaminated clothing and wash it before reuse
P332 + P313 - If skin irritation occurs: Get medical advice/attention

Inhalation

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting

Precautionary Statements - Storage

P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P410 + P412 - 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

Other Information

Very toxic to aquatic life with long lasting effects

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%
Heptane	142-82-5	50-65
1-decene, Homopolymer, Hydrogenated	68037-01-4	20-30
Propane	68476-86-8	10-20
Mineral Oil	8042-47-5	3-5
Poly(tetrafluoroethylene)	9002-84-0	0.5-1.5
Benzene, Ethynyl-, Polymer with 2-methyl,3-butadiene, Hydrogenated	68648-89-5	0.5-1.5

4. First-aid measures

Description of first aid measures

General advice	IF exposed or concerned: Get medical advice/attention.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Call a POISON CENTER or doctor if you feel unwell.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

Symptoms.	Can cause skin and eye irritation Ingestion can cause nausea and burning sensation Long term overexposure can cause liver and kidney damage Overexposure by inhalation can cause CNS depression-drowsiness, dizziness, confusion or loss of coordination If product is heated, inhalation of fumes released from product can cause 'polymer fume fever', a flu like illness Symptoms of 'polymer fume fever' can include fever, chills, headache, nausea and muscle pain Health effects caused by fluorine, hydrofluoric acid and its mineral salts
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. Fire-fighting measures

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Foam. Water.
Unsuitable extinguishing media	Not determined.
Specific hazards arising from the chemical	Extremely flammable aerosol. Contains gas under pressure; may explode if heated.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective actions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions 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.

Methods for cleaning up Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 Conditions Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

8. Exposure controls/personal protection

Control parameters

Exposure Limits NOM-010-STPS-2014.

Chemical name	TWA	STEL	Ceiling Limit Value
Heptane 142-82-5	400 ppm 1600 mg/m ³	500 ppm 2000 mg/m ³	-

Appropriate engineering controls

Engineering controls Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear eye/face protection. Chemical splash goggles.

Skin and body protection Wear suitable gloves.

Respiratory protection	In the case of vapor formation, use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapor or mist. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Aerosol
Appearance	Water white liquid
Color	Water white
Odor	Sweet ether odor
Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	<-40 °C / <-40 °F	
Boiling point / boiling range	69 °C / 156.2 °F	
Flash point	-22 °C / -7.6 °F	
Evaporation Rate	No data available	
Flammability (Solid, Gas)	Flammable aerosol	
Flammability Limit in Air		
Upper flammability or explosive limits	7.7%	
Lower flammability or explosive limits	1.2%	
Vapor Pressure	160 mm Hg	
Vapor Density	No data available	
Relative Density	0.659	
Water Solubility	None	
Solubility in other solvents	No data available	
Partition Coefficient	No data available	
Autoignition temperature	225 °C / 437 °F	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic Viscosity	No data available	

Other information

Oxidizing properties	No data available
Explosive properties	No data available
Molecular weight	No data available
Liquid Density	No data available
Bulk density	No data available

10. Stability and reactivity

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to Avoid	Ignition sources. Heat. Avoid direct sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture or incinerate cans.

Incompatible materials Oxidizing agent. Reactive metals. Bases.

Hazardous decomposition products Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Do not inhale.

Eye contact Avoid contact with eyes.

Skin contact May be harmful in contact with skin.

Ingestion Do not ingest.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 5,357.10 mg/kg
ATEmix (inhalation-dust/mist) 183.90 mg/l

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Heptane 142-82-5	-	= 3000 mg/kg (Rabbit)	= 103 g/m ³ (Rat) 4 h
Mineral Oil 8042-47-5	> 5000 mg/kg (Rat)	-	-

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

Interactive effects Not classified.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Not classified.

Respiratory or skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	Mexico
Poly(tetrafluoroethylene) 9002-84-0	-	Group 3	-	-

Legend**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity Suspected of damaging fertility or the unborn child.**STOT - single exposure** May cause drowsiness or dizziness.**STOT - repeated exposure** Not classified.**Aspiration hazard** May be fatal if swallowed and enters airways.**Other information** Not classified.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
N-Heptane 142-82-5	-	375.0: 96 h Cichlid fish mg/L LC50	-	10: 24 h Daphnia magna mg/L EC50
Mineral Oil 8042-47-5	-	10000: 96 h Lepomis macrochirus mg/L LC50	-	-

Persistence/Degradability No data available.**Bioaccumulation** There is no data for this product.**Component Information**

Chemical name	Partition coefficient
Heptane 142-82-5	4.66
Propane 68476-86-8	<=2.8
Mineral Oil 8042-47-5	>6

Other Adverse Effects No data available.

13. Disposal considerations

Waste Treatment Methods**Waste from residues/unused products** Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.**Contaminated packaging** Do not reuse empty containers.

14. Transport information

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances
Based on package size, product may be eligible for limited quantity exception

MEX

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.1

TDG

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.1

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols
Hazard class 2.1

IATA

UN number UN1950
Proper Shipping Name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN number UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1
Marine Pollutant Heptane

15. Regulatory information

REGULATORY INFORMATION**International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Heptane	X	X	X	X	X	X	X	X
1-decene, Homopolymer, Hydrogenated	X	X	X	X	X	X	X	X
Propane	X	X	X		X	X	X	X
Mineral Oil	X	X	X	X	X	X	X	X
Poly(tetrafluoroethylene)	X	X		X	X	X	X	X
Benzene, Ethynyl-, Polymer with 2- methyl-1,3-butadiene, Hydrogenated	X	X		X	X	X	X	X

Legend:

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

DSL/NDL - 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

16. Other information

<u>NFPA</u>	Health hazards Not determined	Flammability Not determined	Instability Not determined	Physical and chemical properties Not determined
<u>HMIS</u>	Health hazards Not determined	Flammability Not determined	Physical hazards Not determined	Personal protection Not determined

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

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The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

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 Safety Data Sheet