SAFETY DATA SHEET

1. Identification

Product number 1000000529

Product identifier 11 OZ SLIP-N-SLIDE LB 24PK (2-12PKS) MATRIX MAINTENANCE SUPPLY LLC Company information

3861 SYLON BLVD.

Mt. Laurel, NJ 08054 United States

General Assistance 609-267-5455 Company phone

1-866-836-8855 **Emergency telephone US Emergency telephone outside**

1-952-852-4646

US

01 Version #

Recommended use **LUBRICANT Recommended restrictions** None known.

2. Hazard(s) identification

Category 1 Physical hazards Flammable aerosols **Health hazards** Skin corrosion/irritation Category 2 Reproductive toxicity (fertility, the unborn Category 2

child)

Specific target organ toxicity, single exposure

Category 3 narcotic effects Specific target organ toxicity, repeated

exposure

Aspiration hazard

Category 2

Category 1

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation.

May cause drowsiness or dizziness. Suspected of damaging the unborn child. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. 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. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash Response

with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and

wash before reuse.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from **Storage**

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

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

classified (HNOC)

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Propane		74-98-6	40 - 60
Heptane, branched, cyclic and linear		426260-76-6	10 - 20
Solvent Naphtha (Petroleum), Light Aliphatic		64742-89-8	10 - 20
Cyclohexane		110-82-7	2.5 - 10
n-Heptane		142-82-5	2.5 - 10
Toluene		108-88-3	2.5 - 10
n-Hexane		110-54-3	0.1 - 1
Other components below reportable	levels		2.5 - 10

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

InhalationRemove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get

medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and

delayed Indication of immediate

medication of immediate medical attention and special treatment needed

General information

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. 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

Suitable extinguishing media Unsuitable extinguishing

media

Powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

During fire, gases hazardous to health may be formed.

Specific hazards arising from the chemical

the chemical

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions

Specific methods

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened

containers. In the event of fire and/or explosion do not breathe fumes.

General fire hazards Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m3	
,		300 ppm	
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. OSHA Table Z-2 (29 CFR 1910	.1000)		
Components	Туре	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. ACGIH Threshold Limit Value	s		
Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	TWA	100 ppm	
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
n-Hexane (CAS 110-54-3)	TWA	50 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m3	

Product name: 11 OZ SLIP-N-SLIDE LB 24PK (2-12PKS)

SDS US

US. NIOSH:	Pocket	Guide to	Chemical	Hazards
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Components	Туре	Value	
		300 ppm	
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3	
		440 ppm	
	TWA	350 mg/m3	
		85 ppm	
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3	
		50 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
,		1000 ppm	
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
,		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
		1-1-	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedio n, without hydrolysis	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

n-Hexane (CAS 110-54-3)

Can be absorbed through the skin.

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3) Skin designation applies.

US ACGIH Threshold Limit Values: Skin designation

n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove

supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas.
Form Aerosol.

Color Not available. Not available. Odor **Odor threshold** Not available. Not available. pН Not available.

Initial boiling point and boiling

Melting point/freezing point

-43.7 °F (-42.06 °C) estimated

range

-156.0 °F (-104.4 °C) PROPELLANT estimated Flash point

Evaporation rate Not available. Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower

1.3 % estimated

(%)

Flammability limit - upper

7.2 % estimated

(%)

Explosive limit - lower (%) Not available. Not available. Explosive limit - upper (%)

Vapor pressure 75 psig @70F estimated

Not available. Vapor density Relative density Not available.

Solubility(ies)

Solubility (water) Not available. Partition coefficient Not available.

(n-octanol/water)

Not available. **Auto-ignition temperature** Not available. **Decomposition temperature Viscosity** Not available.

Other information

Explosive properties Not explosive. Oxidizing properties Not oxidizing. Specific gravity 0.63 estimated

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. Chemical stability Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

May cause damage to organs through prolonged or repeated exposure by inhalation. May cause Inhalation

drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Direct contact with eyes may cause temporary irritation. Eye contact

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.

Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

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Information on toxicological effects

Cyclohexane (CAS 110-82-7) Acute Dermal LD50 Rabbit > 2000 mg/kg Inhalation LC50 Rat > 32880 mg/m3, 4 Hours Coral LD50 Rabbit > 5540 ppm, 4 Hours LD50 Rabbit > 5000 mg/kg n-Heptane (CAS 142-82-5) Acute Dermal LD50 Rabbit > 2000 mg/kg, 24 Hours Inhalation LC50 Rat > 29.29 mg/l, 4 Hours Oral LD50 Rat > 5000 mg/kg	Acute toxicity	May be fatal if swallowed and ente	ers airways. Narcotic effects.
	Components	Species	Test Results
Dermal	Cyclohexane (CAS 110-82-7	7)	
LD50	<u>Acute</u>		
Inhalation	Dermal		
LC50 Rat	LD50	Rabbit	> 2000 mg/kg
Oral	Inhalation		
National	LC50	Rat	> 32880 mg/m3, 4 Hours
LD50 Rabbit > 5000 mg/kg > 5000			> 5540 ppm, 4 Hours
Rat	Oral		
### Acute Parmal	LD50	Rabbit	> 5000 mg/kg
Acute Dermal		Rat	> 5000 mg/kg
Dermal LD50 Rabbit Paper Pap	n-Heptane (CAS 142-82-5)		
LD50 Rabbit > 2000 mg/kg, 24 Hours			
Inhalation	Dermal		
CC50	LD50	Rabbit	> 2000 mg/kg, 24 Hours
Note	Inhalation		
LD50 Rat > 5000 mg/kg n-Hexane (CAS 110-54-3) Acute Dermal LD50 Rabbit > 2000 mg/kg, 4 Hours 1050 Rat 2000 mg/kg, 4 Hours 2000 mg/kg, 2000 mg/kg, 2000 mg/kg, 2000 mg/kg, 2000 mg/kg, 200 mg/kg	LC50	Rat	> 29.29 mg/l, 4 Hours
N-Hexane (CAS 110-54-3)	Oral		
Acute Dermal Def	LD50	Rat	> 5000 mg/kg
Acute Dermal Def	n-Hexane (CAS 110-54-3)		
LD50			
Nation	Dermal		
Inhalation	LD50	Rabbit	> 2000 mg/kg, 4 Hours
LC50 Rat S000 ppm, 24 Hours S1.86 mg/l 73860 ppm, 4 Hours S1.86 mg/l 73860 ppm, 4 Hours S1.86 mg/l 73860 ppm, 4 Hours S1.86 mg/l			> 5 ml/kg, 4 Hours
Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rat	Inhalation		
Oral	LC50	Rat	> 5000 ppm, 24 Hours
Oral LD50 Rat 24 ml/kg 24 g/kg 24 g/kg Propane (CAS 74-98-6) Acute Inhalation I 237 mg/l, 120 Minutes LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours LC50 Rat > 5000 mg/m3, 4 Hours 4 980 mg/m3 - 4980 mg/m3			> 31.86 mg/l
Oral LD50 Rat 24 ml/kg 24 g/kg 24 g/kg Propane (CAS 74-98-6) Acute Inhalation I 237 mg/l, 120 Minutes LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours LC50 Rat > 5000 mg/m3, 4 Hours 4 980 mg/m3 - 4980 mg/m3			73860 ppm, 4 Hours
LD50 Rat 24 ml/kg 24 g/kg 25 g/kg 25 g/kg 25 g/kg 26 g/kg 27 g/kg	Oral		
Wistar rat 24 g/kg		Rat	24 ml/kg
Wistar rat			-
Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		Wistar rat	
Acute Inhalation	Propage (CAS 74-08-6)	Wilder Fac	io grag
Inhalation LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes 1355 mg/l 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours LC50 Rat > 4980 mg/m3			
LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes 1355 mg/l 1355 mg/l 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3			
Rat 1355 mg/l 658 mg/l/4h Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		Mouse	1237 mg/l, 120 Minutes
Rat 1355 mg/l 658 mg/l/4h			
Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		Rat	
Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		rat	
Acute Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours - 4980 mg/m3	Colvent Northha (D-ta-)) Light Aliphotic (CAS 04740 00 0)	036 Hig/I/4H
Dermal LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		i), Light Aliphatic (CAS 64742-89-8)	
LD50 Rabbit > 1900 mg/kg, 24 Hours Inhalation LC50 Rat > 5000 mg/m3, 4 Hours k > 4980 mg/m3			
Inhalation LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3 > 4980 mg/m3		Rahhit	> 1900 ma/kg 24 Hours
LC50 Rat > 5000 mg/m3, 4 Hours > 4980 mg/m3		Nabbit	7 1000 mg/kg, 24 Hours
> 4980 mg/m3		Rat	> 5000 mg/m ² / Houre
•	LOGO	rat	
> 4980 mg/m3, 4 Hours			_
			> 4980 mg/m3, 4 Hours

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Components		Species	Test Results
			> 4.96 mg/l, 4 Hours
C)ral		
L	D50	Rat	4820 mg/kg
Toluene (C	CAS 108-88-3)		
<u>A</u>	<u>cute</u>		
D	ermal		
L	D50	Rabbit	> 5000 mg/kg, 24 Hours
lr	nhalation		
L	C50	Mouse	6405 - 7436 ppm, 6 Hours
			5320 ppm, 8 Hours
		Rat	5879 - 6281 ppm, 6 Hours
			25.7 mg/l, 4 Hours
C)ral		
L	D50	Rat	> 5000 mg/kg

^{*} Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Suspected of damaging fertility. Suspected of damaging the unborn child. Reproductive toxicity

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects May cause damage to organs through prolonged or repeated exposure.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Cyclohexane (CAS 1	10-82-7)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas) 23.03 - 42.07 mg/l, 96 hours
n-Heptane (CAS 142-	-82-5)		
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours

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Components Species Test Results

n-Hexane (CAS 110-54-3)

Aquatic

Fish LC50 Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours

Toluene (CAS 108-88-3)

Aquatic

 Algae
 IC50
 Algae
 433.0001 mg/L, 72 Hours

 Crustacea
 EC50
 Daphnia
 7.645 mg/L, 48 Hours

Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours

Fish LC50 Coho salmon, silver salmon 8.11 mg/l, 96 hours

(Oncorhynchus kisutch)

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

 Cyclohexane
 3.44

 n-Heptane
 4.66

 n-Hexane
 3.9

 Propane
 2.36

 Toluene
 2.73

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

14. Transport information

DOT

UN number UN1950

UN proper shipping name Aei

Transport hazard class(es)

Aerosols, flammable, (each not exceeding 1 L capacity)

Class 2.1 Subsidiary risk -Label(s) 2.1

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Special provisionsN82Packaging exceptions306Packaging non bulkNonePackaging bulkNone

^{*} Estimates for product may be based on additional component data not shown.

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN1950 **UN** number

Aerosols, flammable UN proper shipping name

Transport hazard class(es)

Class 2.1 Subsidiary risk 2.1 Label(s)

Packing group Not applicable.

Environmental hazards Yes **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Allowed with restrictions. Cargo aircraft only

Packaging Exceptions LTD QTY

IMDG

UN number UN1950 **AEROSOLS UN proper shipping name**

Transport hazard class(es)

2.1 Class Subsidiary risk Label(s) None

Packing group Not applicable.

Environmental hazards

Marine pollutant Yes F-D, S-U **EmS**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Packaging Exceptions Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

LTD QTY Not applicable.

DOT



IATA; IMDG



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Marine pollutant



General information DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Cyclohexane (CAS 110-82-7) Listed. n-Hexane (CAS 110-54-3) Listed. Toluene (CAS 108-88-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.		
Cyclohexane	110-82-7	2.5 - 10		
Toluene	108-88-3	2.5 - 10		
n-Hexane	110-54-3	0.1 - 1		

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

n-Hexane (CAS 110-54-3) Toluene (CAS 108-88-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Propane (CAS 74-98-6)

Safe Drinking Water Act Not regulated.

(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and **Chemical Code Number**

6594

Toluene (CAS 108-88-3)

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

Toluene (CAS 108-88-3) 594

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US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a))

n-Hexane (CAS 110-54-3)

Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)

Toluene (CAS 108-88-3)

US. Massachusetts RTK - Substance List

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. New Jersey Worker and Community Right-to-Know Act

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. Pennsylvania Worker and Community Right-to-Know Law

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. Rhode Island RTK

Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6) Toluene (CAS 108-88-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3) Listed: January 1, 1991

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

16. Other information, including date of preparation or last revision

Issue date 07-22-2016

Version # 01

Product name: 11 OZ SLIP-N-SLIDE LB 24PK (2-12PKS)

Product #: 1000000529 Version #: 01 Issue date: 07-22-2016

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

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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.

Revision information

Product and Company Identification: Alternate Trade Names

Product name: 11 OZ SLIP-N-SLIDE LB 24PK (2-12PKS)
Product #: 1000000529 Version #: 01 Issue date: 07-22-2016