









# HELIX LINEAR - E-100 ACME Screw Lubricant

MSDS Number: 1255689

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Slight Amber	<b>Odor:</b>	Oily
<b>Odor Threshold:</b>	ND	<b>Molecular Formula:</b>	ND
<b>Particle Size:</b>	ND	<b>Solubility:</b>	Insoluble
<b>Spec Grav./Density:</b>	ND	<b>Softening Point:</b>	ND
<b>Viscosity:</b>	ND	<b>Percent Volatile:</b>	59.5%
<b>Sat. Vap. Conc.:</b>	ND	<b>Heat Value:</b>	ND
<b>Boiling Point:</b>	ND	<b>Freezing/Melting Pt.:</b>	ND
<b>Flammability:</b>	Extremely flammable (ignition distance)	<b>Flash Point:</b>	NA (aerosol)
<b>Partition Coefficient:</b>	ND	<b>Octanol:</b>	ND
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>pH:</b>	N/A	<b>VOC:</b>	59.5%
<b>Evap. Rate:</b>	ND	<b>Bulk Density:</b>	ND
<b>Molecular weight:</b>	ND	<b>Auto-Ignition Temp:</b>	ND
<b>Decomp Temp:</b>	ND	<b>UFL/LFL:</b>	ND

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## STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, sparks, open flames and temperatures above 120°F
<b>Materials to Avoid:</b>	None known.
<b>Hazardous Decomposition:</b>	CO, CO <sub>2</sub> , and hydrocarbons.
<b>Hazardous Polymerization:</b>	Will not occur.

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## TOXICOLOGICAL INFORMATION

No product toxicological information is available.

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## ECOLOGICAL INFORMATION

No product ecological information is available.

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## DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility. RCRA Haz No D001.

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### 14 TRANSPORT INFORMATION

#### DOT

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable

#### IATA

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No
Other information	
Passenger and cargo aircraft	Allowed
Cargo aircraft only	Allowed

#### IMDG

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No

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### REGULATORY INFORMATION

#### COMPONENT / (CAS/PERC) / CODES

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\*Petroleum gases, liquefied, sweetened (68476868 **20-40%**) TSCA

\*White mineral oil, petroleum (8042475 **10-25%**) TSCA

\*Naphtha, petroleum, hydrotreated light (64742490 **10-20%**) TSCA

\*Solvent naphtha, petroleum, light aliph. (64742898 **10-20%**) TSCA

\*Heptane (142825 **15-30%**) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Cyclohexane (110827 **<5%**) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

\*n-Hexane (110543 **<1%**) CERCLA, HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

#### REGULATORY KEY DESCRIPTION

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MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHA WAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

TXHWL = TX Hazardous Waste List

CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)

#### **Proposition 65** - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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### OTHER INFORMATION

**Author: DP**

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