

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 1 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

1. Description of substance/preparation and company

Substance/preparation:

Description/trade name: Glasscut 300 (Shear spray lubricant)

Product code: 200205

Producer/supplier:

Name: ELNA International

Telephone no.: (908) 862-7344

Street/post box: 5 North Stiles Street

PLZ/town: Linden, New Jersey 07036 USA

FAX no.: (908) 862-5374

Contact: Mr. Chris Fensham

Emergency no.: (908) 862-7344

2. Composition/components

Chemical characterization:

Petroleum hydrocarbons (main component), sodium petroleum sulfonate emulsifier.

Dangerous components: No

Additional comments: No

3. Possible dangers

Description of dangers: None expected.

Special comments for human being and environment:

- Prolonged or repeated contact with skin tends to remove skin oils possibly leading to irritation and dermatitis.

- As water pollutant the produce can damage or spoil ground water, watercourses or sewage plants, product is soluble in water.

4. First-Aid

General comments: Remove contaminated clothing and shoes immediately.

Inhalation: Remove persons to fresh air. If not breathing, give artificial respiration or oxygen, consult physician immediately.

Skin contact: Wash with soap and water.

Eye contact: Flush eyes with plenty of water (use flush bottle) for at least 15 minutes or until irritation subsides. If irritation persists, call a physician.

Ingestion: Do not induce vomiting, get medical attention immediately.

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 2 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

Comments for physician: Describe symptoms, quantity and way of incorporation. Point out the danger of income of oil in the lungs on vomiting.

5. Measures of fire fighting

Extinguishing media: Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishers.

Not suitable: Water may cause frothing.

Special dangers by the product/preparation itself, by products of combustion or by resultant gases: On influence of fire or heat, formation of oxides of sulfur and carbon.

Special equipment on fire fighting: Use self contained breathing apparatus (pressure demand MSHA/NIOSH approved or equivalent) and full firefighting turn out gear in fighting fires near or involving the

product. Thoroughly decontaminate firefighting equipment after use.

Additional comments: Use water spray to keep fire-exposed containers cool.

Water froth may be used to flush spills away from exposure. Retain contaminated water for fire fighting separately.

6. Measures on unintentional release

Personnel measures:

- Avoid contact with skin and eyes, do not breathe in vapors/aerosols/products of decomposition.
- The vapors are heavier than air, they spread out on ground.
- Take care of skidding when the product came out, especially in mixture with water.

Environmental measures:

- Keep product out of ground water, watercourses or sewage plants.
- Point out to the authorities, when the product came into ground water, watercourses or canalization or has contaminated the ground.

Procedure of purification/absorption:

- After release absorb with suitable material (e.g. sand, sawdust). Dispose contaminated absorbent (see capt. 13). Clean contaminated areas thoroughly.

Additional comments:

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 3 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

- Avoid contact with oxidizing substances.
- Dispose mixtures with water (see capt. 13).

7. Handling and storage**Handling:****Comments for safe handling:**

- Avoid or minimize the formation of vapors/aerosols.
- On formation of vapors/aerosols/products of decomposition handle with adequate ventilation.
- Avoid to spill the product.

Comments on protection of fire and explosions:

- Avoid contact with heat, flames and other ignition sources.
- On mixing with oxidizing substances danger of inflammation and explosions!
- On spraying greater quantities or heating above flashpoint ($>160^{\circ}\text{C}$) danger of inflammation and explosions!

Storage:**Requirements on storage rooms and containers:**

- Keep cool in oil resistant containers, far from heat, sparks, flames, other ignition sources. Avoid contact with oxidizing substances; keep not used containers tightly closed.

Comments on storage together: Do not store with food, drinks, and animal food.

Additional comments:

- Avoid income in the ground safely.
- Empty not cleaned containers with residues of substances or vapors are a sources of dangers.

8. Limitation of exposition and personal protection

Additional comments on arrangement of technical equipment: See capt. 7.

Components with exposure limits in relation to the working place:

CAS-No.	Description	Type of limit value	Value	Unit
64742-52-5	Oil mist (petroleum) ($>90\%$)	TLV-value 1992-1993 of ACGIH (USA)	5	mg/m3

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 4 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

Personal protection:**Respiratory requirements:**

- On formation of vapors/aerosols and if limit values are possibly exceeded in small rooms take breathing apparatus with filter type A-P2 (for additional information see capt. 16).

Hand protection: Use oil-resistant protective gloves.

Eye protection: Use splash goggles or face shield.

Body protection: Use oil-resistant apron or other impervious clothing.

Measures for protection and hygiene:

- Avoid contact with skin and eyes, do not breathe in vapors/aerosols/products of decomposition.
- Remove immediately contaminated clothing and shoes.
- Clean skin thoroughly after contact, before breaks and at end of work period; product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
- As a precaution cream the hands with special cream for skin protection.
- Do not eat, drink and smoke in working place.

9. Physical and chemical properties**Appearance:**

Form: Liquid.
Color: Yellow.
Odor: Petroleum.

Acknowledgments:**Safety data:**

pH-Value (delivery state):	(20°C)	n/a	-
pH-Value (90g/l water):	(20°C)	≈8.5	-
Melting point/range:		n/e	°C
Boiling point/range:	Initial, approximate 241	°C	
Flashpoint:		>160	°C
Ignition temperature:		n/e	°C
Flammability:	-	-	-
Autoignition:		-	-
Oxidizing properties:		-	-
Explosion limits:	<0.1 u. >6.0	vol.%	
Vapor pressure:	(38°C)	<0.15	mbar
Density:	(20°C)	<1.0	g/cm3
Solubility in water:	(20°C)	Complete	g/l
Solubility in solvent:	(20°C)	n/e	g/l
Solubility in fad:	(20°C)	n/e	g/l
Viscosity:	(37.78°C)	180	SUS, typical
Content of organic solvent:		0	wt.%

Acknowledgments:

Soluble in water

ASTM D-92

Soluble in water

Additional comments: No.

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 5 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

10. Stability and reactivity

Avoid the following conditions:

- Keep the product far from heat, sparks, flames and other ignition sources!
- Do not heat over flashpoint ($>160^{\circ}\text{C}$) - Danger of inflammation or explosions!

Avoid the following materials:

- Avoid contact with oxidizing substances - danger of inflammation or explosions!

Dangerous products of decomposition:

Precise decomposition analysis is unknown. Proper ventilation will reduce the smoke and fumes that could possibly include carbon monoxide, oxides of sulfur and various polyaromatic hydrocarbons which may result from the incomplete combustion of all petroleum hydrocarbon products.

Additional comments:

- Stable under normal conditions; no polymerization, no reaction with water.

11. Toxicological information

Toxicological tests:

Practical experience:

Observations relevant for classification:

- Acute toxicity: For petroleum oil components - $\text{LD}_{50} > 3.160 \text{ mg/kg}$ (dermal)
- $\text{LD}_{50} > 5000 \text{ mg/kg}$ (oral)
 - Specific symptoms in animal experiment: n/e
 - Irritating/corrosive effects: n/a
 - Sensibilisation: n/a
 - Effects after repeated or prolonged exposition: Skin contact tends to remove skin oils possibly leading to irritation and dermatitis.
 - Carcinogenic influence: n/a
 - Influence of genetic changes: n/a
 - Influence on reproduction: n/a
 - Further comments: Income via skin and lungs possible.
- General acknowledgments: No.

12. Ecological information

Measures of elimination (persistence and degradation):

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 6 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

Procedures/methods of analysis, yield of elimination: Biological degradation is limited.

Text of valuation:

Additional comments: No.

Behavior in environment: Avoid income of the product in environment.

Mobility:

Potential of bioaccumulation:

Additional comments: No.

Ecotoxical influence:

Toxicity in water:

Influence on sewage plants: -

Inhibition of fermentation of municipal sludge:

Additional comments: No.

Additional comments on ecology:

CSB-value: n/e mg O₂/g

RSB0-value: n/e mg/O₂/g

AOX-information: Contains no organic bonded halogen.

Materials in according to EG law: No.

General comments: No.

13. Comments on waste disposal

Product: Reuse or dispose.

Recommendation: No.

Waste key No./Name:

- 553 60 Petroleum (Obligation to record): Reuse or dispose.

- 351 05 Ferrous metal, emptied: Reuse after purification.

- 542 09 Solid grease and oil-soaked production machinery materials

(obligation to record): Dispose contaminated absorbent.

Recommended remedy for purification: Water and surface active agents.

14. Comments on transportation

Transportation on land:

ADR/RID/GGVS/GGVE: Class: - Number/letter: -

Warning sign: No. of danger: - Substance No.: -

Name of the good: -

Comments: No dangerous good in sense of regulations on transportation.

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 7 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

Transportation on inland waters: n/e

Maritime transportation: n/e

Air transportation: n/e

Additional comments: Keep containers tightly closed.

15. Regulations

Labels

Letters: -

Nomination of danger: -

Contains: -

R-sentence: n/a

S-sentence: 24/25

Special labels: -

National regulations

Restrictions of employment: -

Regulation in case of malfunction: -

Regulation on inflammable materials (VbF): -

Technical regulations air (TA LUFT): -

Classification on water hazardousness (WGK): -

Other regulations, restrictions and regulations of prohibition: -

16. Additional comments

Additional comments:

Educations: -

Recommended use: This product is destined only for industry use.

See technical bulletin.

Recommended restrictions: -

Additional information: -

Sources of data: -

Abbreviations: n/a = not applicable n/e = not established

Department which elaborated this data sheet: Erick Aho, Chemist, Elf Lubricants
North America, for the ELNA International Division.

Contact: See capt. 1.

Total Lubricants USA, Inc.

Glass Products Division
5 North Stiles Street
Linden, New Jersey 07036
U.S.A.

Date: 2/1/2007

Product Name: Glasscut 300

Page 8 of 7

Telephone (908) 862-7344

FAX (908) 862-5374

Revised 5/30/97

Product code: 200205

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change, and the conditions of handling and use, or misuse, are beyond our control, seller makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.

The safety data sheet of this product has been elaborated voluntarily. In according to TRGS 220 No. 4 Abs. 3 it subsides not the changing service. Nevertheless after an important change all our clients will get the revised version of the safety data sheet.