



MATERIAL SAFETY DATA SHEET

Product Name: **WearGuard D-A SYN HTC Series**

Revision Date: 02/02/2012

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Wearguard D-A SYN HTC Series
Synonym(s): Polyol Esters and Additives
Product Use: High Temperature Chain Oil

Manufactured / Supplied by:
D-A Lubricant Company, Inc.
801 Edwards Drive
Lebanon, IN 46052-8896
317-923-5321
Chemical Emergency Hotline: (800) 899-9004

Formula: Mixed Esters

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not Hazardous Not classified

2.2. Label Elements

Not Hazardous Not classified
GHS Hazard
Pictograms

2.3. Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients are listed if they comprise $\geq 1.0\%$ by weight. "Special Hazardous Substances or Carcinogens" are listed if they comprise $\geq 0.1\%$ by weight.

Non-hazardous components

Chemical Name	CAS	Weight %
Polyol Ester and Additives	Proprietary	100

4. FIRST AID MEASURES

Ingestion:	If swallowed, observe victim for 24 hours; seek medical attention if indicated. If vomiting occurs, keep head lower than hips to prevent aspiration.
Skin:	For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.
Inhalation:	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Notes to Physician:	Treatment based on sound judgment of physician and individual reactions of patient. Contains a minimal amount of triphenyl phosphate that has been reported to be a weak cholinesterase inhibitor in humans. Atropine and/or pralidoxime may be antidotal in cases with ingestion of a large amount of this product if cholinesterase inhibition is suspected.

5. FIRE FIGHTING MEASURES

Flash Point: > 290 C
Method: COC

Flammable Limits in Air - Upper (%): Maximum % by volume of vapor in air above which propagation of flame does not occur on contact with a source of ignition:

N/D

Sensitivity to Mechanical Impact (Y/N):	NO
Sensitivity to Static Discharge (Y/N):	Sensitivity to static discharge is not expected.
Extinguishing Media:	Water fog, carbon dioxide, foam, dry chemical

Special Firefighting Procedures:

Containers can build up pressure if exposed to heat (fire). Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Large quantity spills should be contained and pumped into drums for recovery or disposal.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep container closed when not in use. Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

NFPA		HMIS	
Health	1	Health	1
Flammability	1	Flammability	1
Reactivity	0	Reactivity	0
Other	N/A	PPE	B

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

None required under normal conditions.

Personal Protection Equipment

Respiratory Protection:

None required under normal conditions.

Protective Gloves:

Use gloves as a standard industrial handling procedure.

Eye and Face Protection:

Wear safety glasses or goggles to protect against exposure.

Other Protective Equipment:

None Required

Ventilation:

No unusual ventilation required.

Chemical Name	CAS	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-STEL	Units
Polyol Ester and Additives	Proprietary	None	None	None	None	ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A
Vapor Pressure:	N/D
Vapor Density (Air = 1):	N/D
Freezing Point:	N/D
Melting Point:	< -30 C
Physical State:	Liquid
Odor:	Characteristic
Odor Threshold (ppm):	N/A
Color:	Clear, Yellow-Amber
Evaporation Rate (Butyl acetate = 1):	N/D
Pounds / Gallon (Water = 8.3):	8.10 @ 25 C
Density @ 25°C (Water = 1):	0.972 @ 25 C
Acid / Alkalinity (MEQ/G):	N/D
pH:	N/A
VOC (EPA Meth.24) (g/L):	N/D
Solubility in Water (20 °C):	INSOLUBLE
Solubility in Organic Solvents:	N/D
Viscosity:	220 cst @ 40 C

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Thermal Decomposition / Combustion Products:	No unusual decomposition products known.
Incompatibility (Materials to Avoid):	None known.
Conditions to Avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not Available
Skin Contact:	Not Available
Eye Contact:	Not Available
Sensitization:	Not Available

¹ Based on product test data.

² Based on test data from a similar product.

³ Based on test data from similar products, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time.

13. DISPOSAL CONSIDERATIONS

Disposal Method: As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

14. TRANSPORT INFORMATION

IMDG/IMO

14.1. UN-No	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.
EmS No.	No information available.
14.7.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****All of the components in the product are on the following Inventory lists:**

TSCA	This material is manufactured for use as an additive in personal care products and is regulated under the FOOD, DRUG, and COSMETICS ACT (FDA) and is therefore exempt from TSCA inventory listing requirements.
EU REACH	Pre-registered
DSL/NDSL	Complies
AICS	Complies

Chinese Chemical Inventory Status: Please speak to your Inolex representative to inquire about its current status.

Legend

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

REACH - EU Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals

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

AICS - Australian Inventory of Chemical Substances

15.2. Chemical Safety Assessment

16. OTHER INFORMATION

Revision Date 06/02/2011

Revision Note Not applicable

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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

*** END OF MSDS ***