

MATERIAL SAFETY DATA SHEET

Plasti-Kleen Product

HESS ADVANCED TECHNOLOGY, INC.

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Coolant for Drilling and Cutting Lubricant
Product #9

Date Prepared: September 8, 2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Lubricants for Drilling, Cutting and Coolant Product #9, HPC-1026 , HPC-1028 & HPC-1030
General Use: Coolant for Drilling and Cutting Lubricant

MANUFACTURER:

HESS Advanced Technology, Inc.
P. O. Box 17669
Dayton, Ohio 45417
(937) 268-4377

EMERGENCY TELEPHONE NUMBER:

(937) 268-4377 8 AM – 5 PM EST M-F

2. COMPOSITION/INFORMATION ON INGREDIENTS

All of the ingredients contained in this product are listed on the TSCA inventory.

<u>Component</u>	<u>Wt. %</u>	<u>Exposure Limits</u>	<u>Carcinogenicity</u>
Nonhazardous			<u>NTP</u> <u>OSHA</u> <u>IARC</u> <u>ACGIH</u>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Light pink liquid, unscented.
May cause nausea if ingested.

POTENTIAL HEALTH EFFECTS

INHALATION:

No hazard in normal industrial use.

EYE CONTACT:

May cause slight irritation

SKIN CONTACT:

May cause mild dryness and cracking.

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INGESTION:

May cause nausea if swallowed.

CHRONIC:

No known effects.

MEDICAL CONDITIONS AGGRAVATED:

None known.

PRIMARY ROUTES OF EXPOSURE

Ingestion, eye, and dermal.

4. FIRST AID MEASURES

INHALATION:

No specific treatment since this material is not likely to be hazardous by inhalation.

EYE CONTACT:

Flush eyes with water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT:

Rinse with water.

INGESTION:

Do not induce vomiting. Consume large amounts of citrus juices, vinegar or water

5. FIRE FIGHTING MEASURES

Flashpoint and Method:

None

Flammable Limits:

LEL: None

UEL: None

GENERAL HAZARD:

Material will not burn.

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SPECIAL FIRE FIGHTING INSTRUCTIONS:
None

HAZARDOUS COMBUSTION PRODUCTS:
None known.

6. ACCIDENTAL RELEASE MEASURES

Mop or soak up with appropriate material. Remove out of doors.
Flush with water. Dispose of residue in accordance with federal, state, and local guidelines.

7. HANDLING AND STORAGE

GENERAL:
Store in a cool dry area. Avoid temperatures above 100 F or below freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
No special ventilation requirements.

PERSONAL PROTECTION
Not normally required. However, the use of safety glasses is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: 18mm Hg at 68F
Specific Gravity	: 1.00 (water=1)
Solubility in Water	: 100%
PH	: Not Available
Boiling Point	: 212F

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Freezing Point	: 32F
Evaporation Rate	: >1
Vapor Density	: Not Available
Odor	: Unscented
Appearance	: Light pink liquid

10. STABILITY AND REACTIVITY

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID

Do not mix with strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None

11. REGULATORY INFORMATION

HAZARDOUS COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

12. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, HESS Advanced Technology, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.