

Safety Data Sheet

Issue Date: 10-Sep-2014 Revision Date: 11-Mar-2015 Version 1

1. IDENTIFICATION

Product Identifier

Product Name Haas Z Flake Lubricant

Recommended use of the chemical and restrictions on use
Recommended Use
No information available.

Details of the supplier of the safety data sheet

Supplier Address

I Haas P.O. Box 9933 Greenville, SC 29604

Emergency Telephone Number

Company Phone Number Phone: 929-777-8013

Fax: 844-866-4227 Email: info@vonhaas.com www.vonhaas.com

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White Flake Physical State Solid Odor No information available

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC)

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	<1
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1
Proprietary	Proprietary	40-55
Proprietary	Proprietary	45-60

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

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First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eve Contact IF IN EYES: Immediately flush with plenty of water. After initial flushing, remove any contact

lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical

advice/attention.

Skin Contact IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical

advice/attention.

Inhalation IF INHALED: Remove victim to fresh air.

Ingestion IF SWALLOWED: Rinse mouth. Seek medical attention.

Most important symptoms and effects

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry Chemical, CO2 or water spray. Foam

Specific Hazards Arising from the Chemical

No Information available.

Explosion Data:

Sensitivity to Mechanical Impact: None. Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Ensure adequate ventilation, especially in confined areas.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with

inert material (ie: sand, earth ,sawdust) and transfer liquid and solid like material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap

and water. Keep spills out of all sewers and bodies of water.

Methods for Clean-Up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static

electricity).

Incompatible MaterialsNone known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Solid
Appearance White flake
Color Not determined

hite flake Odor No information available ot determined Odor Threshold No information available

Property Values Remarks • Method

pH No information available

Melting Point/Freezing Point8 °CBoiling Point/Boiling Range>150 °CFlash Point202 °C

Evaporation Rate
Flammability (Solid, Gas)
Upper Flammability Limits
Lower Flammability Limit
Vapor Pressure
Vapor Density
No information available
No information available
No information available
No information available

Specific Gravity 0.9615g/ml

Water SolubilityNo information availableSolubility in other solventsNo information availablePartition CoefficientNo information availableAuto-ignition TemperatureNo information availableDecomposition TemperatureNo information available

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Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization None known based on information supplied.

Conditions to Avoid

Extreme temperatures and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact No data available.

Skin Contact No data available.

Inhalation No data available.

Ingestion No data available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg(Rat)	-	-
7732-18-5			
Proprietary	-	> 5 g/kg (Rat)	-

Information on physical, chemical and toxicological effects

No information available. **Symptoms**

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity No information available.

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Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS Document.

ATEmix (dermal) 10,010.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence/Degradability

No information available

Bioaccumulation

No information available.

Other Adverse Effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
ENCS Complies
IECSC Complies

KECL

PICCS Complies AICS Complies

Legend:

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

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372 SARA 311/312 Hazard Categories:

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA	Health Hazards 0	Flammability 0	Instability 0	Special Hazards Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection

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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.

End of Safety Data Sheet