



# SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD  
(HCS) 29 CFR 1910.1200

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Revision Date 7/30/2015  
Supersedes Date 7/22/2015

## SECTION 1. IDENTIFICATION

**Product identifier:** JAX Halo-Guard NZ-2

**Part number:** HGNZ02

**Identified uses:** Lubricant where there may be incidental food contact

**Uses advised against:** Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.

**Supplier:** JAX INC.  
W134 N5373 Campbell Drive  
Menomonee Falls, WI 53051 USA

**Email contact:** info@jax.com

**Non-emergency contact:** Phone: 262-781-8850 Fax: 262-781-3906

**Emergency telephone:** INFOTRAC:  
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926  
International 011-1-352-323-3500 (collect) China 400-120-0761

## SECTION 2. HAZARD(S) IDENTIFICATION

**Classification:** Eye Irritation Cat. 2; Skin Sensitization Cat. 1; Germ Cell Mutagenicity Cat. 1B; Reproductive Toxicity Cat. 1B;

### Label elements

#### Pictograms:



**Signal word:** Danger

**Hazard statements:** May cause an allergic skin reaction. Causes serious eye irritation. May cause genetic defects. May damage fertility or the unborn child.

**Precautionary statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fume/ mist/ vapors/ spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/ face protection/ protective gloves. Use personal protective equipment as required. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs, or eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

**Hazards not otherwise classified:** Harmful to aquatic life with long lasting effects.

**Additional information:** Not applicable

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Distillates (petroleum), solvent-refined heavy paraffinic*	10-<20	64741-88-4	None
	Calcium carbonate (dust)	5-<10	471-34-1	None
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	1-<5	68584-23-6	None
	Carbendazim	1-<5	10605-21-7	None
	Calcium dodecylbenzene sulphonate	1-<5	26264-06-2	None
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	1-<5	68411-46-1	None
	Sulfonic acids, petroleum, calcium salts	1-<5	61789-86-4	None
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	1-<5	70024-69-0	None

## SECTION 4. FIRST-AID MEASURES

### First aid measures

**Eye contact:** Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**Skin contact:** Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

**Ingestion:** If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

**Inhalation:**

immediately.

**Most important symptoms and effects, both acute and delayed:**

May cause an allergic skin reaction. Causes serious eye irritation. May cause genetic defects. May damage fertility or the unborn child.

**Indication of any immediate medical attention and special treatment available:**

See First aid measures (above).

**General information:**

No further relevant information available.

## SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

**Unsuitable extinguishing media:**

Do not use direct stream of water.

**Specific hazards:**

Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.

**Advice for firefighters:**

Firefighters should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode, body-covering protective clothing, and full "turn-out" gear.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

**Methods for containment and cleaning up**

**Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.

**Water spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.

**Conditions for safe storage, including any incompatibilities:**

Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace exposure limits:**

**Chemical name**

**Exposure limit and source**

Distillates (petroleum), solvent-refined heavy paraffinic\*

5 mg/m<sup>3</sup> (oil mist), OSHA

Calcium carbonate (dust)

TWA (respirable) = 5 mg/m<sup>3</sup> (NIOSH REL)

Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts

Not available

Carbendazim

Not available

Calcium dodecylbenzene sulphonate

Not available

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Not available

Sulfonic acids, petroleum, calcium salts

Not available

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts

Not available

**Exposure controls**

**Engineering controls:**

occupational exposure limits.

**Ventilation:** Use in a well-ventilated area. See Engineering Controls.

**Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

**Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.

**Hand protection:** Any lined non-permeable rubber gloves.

**Respiratory protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b><u>Appearance / odor:</u></b>	Gray semi-solid with mild petroleum odor	<b><u>Upper flammability limit:</u></b>	Not available
		<b><u>Lower flammability limit:</u></b>	Not available
<b><u>Physical state:</u></b>	Semi-solid	<b><u>Vapor pressure:</u></b>	Not available
<b><u>Odor threshold:</u></b>	Not available	<b><u>Vapor density:</u></b>	Not available
<b><u>pH:</u></b>	Not available	<b><u>Relative density:</u></b>	0.95 - 1.05 @ 20°C
<b><u>Melting / freezing point:</u></b>	Not available	<b><u>Solubility in water:</u></b>	Negligible
<b><u>Initial boiling point and boiling range:</u></b>	Not available	<b><u>Partition coefficient (n-octanol/water):</u></b>	Not available
<b><u>Flash point:</u></b>	>356°F (180°C), ASTM D 92	<b><u>Autoignition temperature:</u></b>	Not available
<b><u>Evaporation rate:</u></b>	Not available	<b><u>Decomposition temperature:</u></b>	Not available
<b><u>Flammability (solid, gas):</u></b>	Not applicable	<b><u>Viscosity:</u></b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

<b><u>Reactivity:</u></b>	Not reactive under normal conditions.
<b><u>Chemical stability:</u></b>	Stable under recommended conditions.
<b><u>Possibility of hazardous reactions:</u></b>	Hazardous reactions are not expected to occur.
<b><u>Conditions and materials to avoid:</u></b>	Avoid heat, open flames, strong acids, strong bases, and oxidizing materials.
<b><u>Hazardous decomposition products:</u></b>	Carbon monoxide, carbon dioxide, oxides of sulfur, oxides of calcium, smoke and irritating vapors as products of incomplete combustion.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b><u>Eye contact:</u></b>	Causes serious eye irritation. May cause genetic defects. May damage fertility or the unborn child.
<b><u>Skin contact:</u></b>	May cause an allergic skin reaction. May cause genetic defects. May damage fertility or the unborn child.
<b><u>Inhalation:</u></b>	May cause genetic defects. May damage fertility or the unborn child.
<b><u>Ingestion:</u></b>	May cause genetic defects. May damage fertility or the unborn child.

<b><u>Component information:</u></b>	<b><u>Components</u></b>	<b><u>LD<sub>50</sub></u></b>	<b><u>LC<sub>50</sub></u></b>
	Distillates (petroleum), solvent-refined heavy paraffinic*	Not available	Not available
	Calcium carbonate (dust)	Not available	Not available
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available	Not available
	Carbendazim	Not available	Not available
	Calcium dodecylbenzene sulphonate	>4199 mg/kg (dermal, rabbit)	Not available
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	>2000 mg/kg (oral, rat)	Not available
	Sulfonic acids, petroleum, calcium salts	>5000 mg/kg (oral, rat)	Not available

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts

Not available

Not available

#### Information on physical, chemical and toxicological effects

**Symptoms:** Please see Section 4 of this SDS for symptoms.

#### Delayed and immediate effects, and chronic effects, from short and long-terms exposure

**Effects:** May cause an allergic skin reaction. Causes serious eye irritation. May cause genetic defects. May damage fertility or the unborn child.

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Numerical measures of toxicity:** Not determined

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Harmful to aquatic life with long lasting effects.

<b><u>Component information:</u></b>	<b><u>Components</u></b>	<b><u>LEIC<sub>50</sub></u></b>
	Distillates (petroleum), solvent-refined heavy paraffinic*	Not available
	Calcium carbonate (dust)	Not available
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available
	Carbendazim	Not available
	Calcium dodecylbenzene sulphonate	2.5 mg/l/48h [Daphnia magna (Water flea)]
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	>71 mg/l/96h [Danio rerio (zebra fish)]
	Sulfonic acids, petroleum, calcium salts	>100 mg/l/48h [Daphnia magna (Water flea)]
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	Not available

**Persistence and degradability:** Not determined

**Bioaccumulative potential:** Not determined

**Mobility in soil:** Not available

**Other adverse effects:** Not determined

### SECTION 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

### SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	<b><u>Proper Shipping Name:</u></b>	<b><u>UN Number:</u></b>	<b><u>Hazard Class:</u></b>	<b><u>Packing Group:</u></b>	<b><u>Remarks:</u></b>
<b><u>U.S. D.O.T.</u></b>	Not regulated	None	None	None	None
<b><u>ADR/RID</u></b>	Not regulated	None	None	None	None
<b><u>IMDG</u></b>	Not regulated	None	None	None	None
<b><u>IATA</u></b>	Not regulated	None	None	None	None

### SECTION 15. REGULATORY INFORMATION

#### U.S. Federal Regulations

**SARA Section 302 Extremely Hazardous Substances:** This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

**SARA Section 304 CERCLA Hazardous Substances:** Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: Carbendazim, CAS # 10605-21-7, RQ = 10 lbs.

**SARA Section 313 Toxic Chemicals:** This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:  
None

**TSCA Inventory:** All components of this material are on the U.S. TSCA Inventory.

**U.S. State Regulations**

**California Proposition 65 Status** This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**California Proposition 65 Listed Components** None

**International Regulations**

**Canada:** All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all the information required by CPR.

**Japan MITI:** Not available

**Australia:** Not available

**Switzerland:** Not available

**SECTION 16. OTHER INFORMATION**

**Sections Revised:** New SDS format

**Revision Date:** 7/30/2015

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\*\*\* END OF SDS \*\*\*