

Safety Data Sheet

Issued Date: November 12, 2015

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name Grn-650 Industrial Cleaner/Degreaser

Other means of identification

Product Code Grn-650

Recommended use of the chemical and restrictions on use

Recommended Use Industrial cleaner/degreaser for parts, brakes, and many other degreasing applications.

Details of the supplier of the safety data sheet

Missouri Vocational Enterprises
2727 Highway K
Bonne Terre, MO 63628
Phone: (573) 358-5516

Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word **WARNING**

Classification	Hazard Category
Skin - Corrosion/Irritation	2
Acute Toxicity – Oral	5
Hazardous to the Aquatic Environment, Acute Hazard	2
Hazardous to the Aquatic Environment, Long-term Hazard	3

Health Hazard Statement(s)

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H411 – Toxic to aquatic life with long-lasting effects.

Hazard Pictogram(s)



Hazard Ratings

	HMIS	NFPA
Health	2	2
Flammability	1	1
Reactivity	0	0
PPE	B	N/A

Precautionary Statement(s)

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 – Wash face, hands and any exposed skin thoroughly after handling.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P273 – Avoid release to the environment.

P280 – Wear protective gloves/protective clothing/ eye protection/face protection.

P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTER or doctor/physician.

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P363 – Wash contaminated clothing before reuse.

P501 – Dispose of contents/container in accordance with local, regional, national, and international regulations.

Potential Health Effects

Skin Contact	May cause skin corrosion/irritation/burns.
Eye Contact	May cause eye damage.
Inhalation	May cause respiratory irritation.
Ingestion	May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Water	7732-18-5	50-60
Dowanol DPM	25265-71-8	10-15
D'limonene	5989-27-5	5-10
CalBlend DF	Proprietary	5-15
Caltaine C35	Proprietary	5-10
Masodol 900	68439-46-3	1-5
Glydant Plus	Proprietary	0-2

**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

General Advice	If you feel unwell, seek medical advice (show label where possible).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
Skin Contact	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	Rinse mouth. Give 2-4 glasses of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects

Symptoms	Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause severe skin irritation or mild burn.
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5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water fog, dry chemical powder, or foam

Unsuitable Extinguishing Media: Water jet

Specific Hazards Arising from the Chemical

Heating or fire can release gases or fumes which could be hazardous to health.

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. Move containers from the area if you can do so without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary personnel away. Use personal protective equipment as required.

Environmental precautions Avoid discharge into sewers, drains, and waterways.

Methods and material for containment and clean up

Methods for Containment Prevent further leakage or spillage if safe to do so. Dike the spilled material, where this is possible.

Methods for Clean up After the spilled material is contained, absorb in vermiculite, dry sand, or earth. Keep in suitable, closed containers for disposal. Clean surface thoroughly to remove residual contamination.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use only in well ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store out of direct sunlight.

Incompatible Materials See section 10 of this SDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
-	-	-	-

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear approved safety goggles.

Skin and Body Protection Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State	Liquid	Odor	Citrus
Color	Purple	Odor Threshold	Not Determined

PropertyValuesRemarks - Method

pH	6-9	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid- Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	Complete	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Heat, sparks, open flames.
Incompatible materials	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products	Nitrogen oxides and carbon oxides.
Hazardous Polymerization	Not available.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity	Toxicological data have not been determined specifically for this product.
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12. ECOLOGICAL INFORMATION

Ectotoxicity	Ecological studies have not been carried out on this product.
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13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of in accordance with local, regional, national, and international laws and regulations.
Hazardous Waste Code	Not available.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated Packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT I.D. Number	Not available.
DOT Proper Shipping Name	Not available.
DOT Hazard Classes:	
US DOT	Not available.
Road (ADR)	Not available.
Air (ICAO/IMDG)	Not available.
Sea (IMO/IMDG)	Not available.
Packing Group	Not available.
DOT Label	Not available.

15. REGULATORY INFORMATION**U.S. Federal Regulations**

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

(X) Hazardous () Non- Hazardous

SARA TITLE III

Section 302/304

Section 311/312

Section 313

Extremely Hazardous Substances: Formaldehyde (50-00-0)

(40CFR370) Hazardous Categories: Acute

Contains the following SARA 313 Toxic Release Chemicals: 3-Iodo-2-propionylbutylcarbamate (55406-53-6)

CERCLA

CERCLA Regulatory

None known based on the information supplied.

State Regulations

California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Formaldehyde (50-00-0).

Inventories

Component	TSCA (United States)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Dowanol DPM (25265-71-8)	X	X	X	X	X	X	X	X
CalBlend DF (Proprietary)	X	X	X		X			X
Caltaine C35 (Proprietary)	X	X	X	X	X	X	X	X
Masodol 900 (68439-46-3)	X	X	X	X	X	X	X	X
D-limonene (5989-27-5)	X	X						

16. OTHER INFORMATION**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 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.

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