

1. PRODUCT IDENTIFICATION

Product Name: Special Whizard® Grease
Identified Uses : Developed for use on equipment requiring extended performance
Made in USA For: BETTCHER INDUSTRIES, INC.
6801 State Route 60
Birmingham, Ohio 44889 USA
Customer Service: 1-440-965-4422 | 1-800-321-8763
General E-mail: sales@bettcher.com | www.bettcher.com
Emergency Phone # : 800-535-5053 Domestic (INFOTRAC)
352-323-3500 International (INFOTRAC)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture :

GHS Label Elements (Regulations: US CFR 1910.1200 & EU (EC) No 1272/2008):

Pictogram:  GHS09 Environment
Aquatic Chronic 2 H411

Signal Words: Void

Hazard statements: Toxic to aquatic life with long lasting effects

Precautionary statements: If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Avoid release to the environment.
Collect spillage.
Dispose of contents/container in accordance with local/regional/
national/ international regulations.

Hazardous Material Information System:	Health	1
HMIS (USA):	Flammability	1
	Reactivity	0

National Fire Protection Association (U.S.A.)	Health	2
NFPA (USA):	Flammability	1
	Reactivity	0

Other hazards : PBT: Not applicable
vPvB: Not applicable

6801 State Route 60
Birmingham, Ohio 44889**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Characterization : Mixtures

Description: Mixture of the substances listed below with nonhazardous additions

<u>HAZARDOUS INGREDIENTS</u>	<u>%</u>	<u>CAS #</u>
Zinc Oxide	2.5-<10%	1314-12-2

4. FIRST AID MEASURESDescription Of Necessary First Aid Measures :

After Inhalation: Supply fresh air; consult doctor in case of complaints.

After Skin Contact: Immediately rinse with water.

After Eye Contact: Rinse opened eye for several minutes under running water.

After Swallowing: If symptoms persist consult doctor.

Most Important Symptoms And Effects, Acute And Delayed:
No further relevant information availableIndication of Any Immediate Medical Attention And Special Treatment Needed:
No further relevant information available**5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media : Use fire-fighting measures that suit the environment

Special Hazards Arising From the Substance or Mixture:
No further relevant information available

Protective Equipment: No special measures required

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures : Not required.

Environmental Precautions:

Do not allow product to reach sewage system or any water course

Inform respective authorities in case of seepage into water course or sewage system

Do not allow to enter sewers/surface or ground water.

Methods And Material For Containment And Cleaning Up: Pick up mechanically

6801 State Route 60
 Birmingham, Ohio 44889

Reference to Other Sections:

- See Section 7 for information on safe handling
- See Section 8 for information on personal protection equipment
- See Section 13 for disposal information

7. HANDLING AND STORAGE

Handling:

No special precautions are necessary if used correctly

Protection Against Explosions and Fires:

No special measures required

Storage:

- Requirements to be met by storerooms & receptacles: No special requirements
- Information about storage in one common storage facility: Not required
- Further information about storage conditions: None
- Specific end use(s): No further relevant information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems: No further data available

Control Parameters:

Occupational Exposure Limit Values:

Ingredient Name	ACGIH TLV	REL	REL	TLV
USP Grade White Oil 8042-47-5 (50-100%)	Long term value : 5 mg/m ³			
Zinc Oxide 1314-13-2 (2.5-<10%)		Long term value: 15* 5** mg/m ³ ----- *Total Dust **Respirable Fraction & Fume	Short term value: 10** mg/m ³ Long term value: 5* 5**mg/m ³ Ceiling limit value: 15*mg/m ³ ----- * Dust Only **Fume	Short term value: 10** mg/m ³ Long term value: 2* mg/m ³ ----- * As Respirable Fraction

General Protective and Hygienic Measures:

- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.

Eye Protection: Not Required

Breathing Equipment: Not required.

6801 State Route 60
Birmingham, Ohio 44889

**Protection of Hands: Protective Gloves**

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White color
Physical State:	Semi-solid
Odor:	Mineral oil-like
Odor Threshold:	Not determined
pH:	Not applicable
Melting Point/Melting Range:	Undetermined
Boiling Point/Boiling Range:	Undetermined
Flammability (solid,gaseous):	Not determined
Decomposition Temperature:	Not determined
Danger of Explosion:	Product does not present an explosion hazard
Explosion Limits: Lower:	Not determined
Explosion Limits: Upper:	Not determined
Density at 20°C (68°F):	1.1282 g/cm ³ (9.415 lbs/gal)
Relative Density:	Not determined
Vapor Density:	Not applicable
Evaporation Rate:	Not applicable
Solubility in Water:	Insoluble
Octanol / H ₂ O coefficient:	Not determined.
Flash Point (closed cup):	250°C (482°F)
Viscosity:	Not applicable
Auto ignition:	Product is not self-igniting
Volatile Organic Content:	0.0%
Solids Content:	17.7%

10. STABILITY AND REACTIVITY

Thermal Decomposition/Conditions To Be Avoided:	No decomposition if used according to specifications
Possibility of Hazardous Reactions:	No dangerous reactions known
Conditions To Avoid:	No further relevant information available
Incompatible Materials:	No further relevant information available
Hazardous Decomposition Products:	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

LD/LC50 Values That Are Relevant For Classification:

Oral	LD50	15798 mg/kg (rat)
Dermal	LD50	2429 mg/kg (rabbit)
Inhalative	LC50/4 h	6.33 mg/l (rat)

Zinc Oxide 1314-13-2

Oral	LD50	>5000 mg/kg (rat)
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Primary Irritant Effect On The Skin:	No irritant effect
Primary Irritant Effect On The Eye:	No irritating effect
Sensitization:	No sensitizing effects known

Additional Toxicological Categories:

IARC:	None of the ingredients listed
NTP:	None of the ingredients listed
OSHA-Ca:	None of the ingredients listed

12. ECOLOGICAL INFORMATION

Aquatic Toxicity :	No further relevant information available
Persistence And Degradability:	No further relevant information available
Bioaccumulative Potential:	No further relevant information available
Mobility In Soil:	No further relevant information available

6801 State Route 60
Birmingham, Ohio 44889

Ecotoxicological Effects:	Toxic for fish
Water Hazard Class 2 (self-assessment):	Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
PBT Assessment:	Not applicable
vPvB assessment:	Not applicable
Other Adverse Effects:	No further relevant information available

13. DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN-number:	DOT:	Not regulated
	IMDG, IATA:	UN3077
UN Proper Shipping Name:	DOT:	Not regulated
	IMDG:	Environmentally hazardous substance, solid, N.O.S. (zinc oxide), marine pollutant
	IATA:	Environmentally hazardous substance, solid, N.O.S. (zinc oxide),
Transport Hazard Class(es)	DOT:	
	Class:	Not regulated
IMDG, IATA:	Class:	9 miscellaneous dangerous substances and articles
	Label:	9
Packing Group:	DOT:	Not regulated
	IMDG, IATA:	III

6801 State Route 60
Birmingham, Ohio 44889

Environmental Hazards: Product contains environmentally hazardous substances: zinc oxide

Marine Pollutant: Yes

Special Marking (IATA): Symbol (fish & tree)

Special Precautions for User: Warning: Miscellaneous dangerous substances and articles

Danger Code (Kemler): 90

EMS Number: F-A, S-F

Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code: Not applicable

Limited Quantities (LQ): 5 kg

Excepted Quantities (EQ): Code E1
Maximum net quantity per inner packaging: 30 g
Maximum net quantity per outer packaging: 1000 g

UN Model Regulation: UN3077 Environmentally hazardous substances, sold, n.o.s. (zinc oxide), 9, III

15. REGULATORY INFORMATION

Section 355 (Extremely Hazardous Substances): None of the ingredients are listed.

Section 313 (Specific Toxic Chemical Listing): 1314-13-2 Zinc oxide 2.5-<10%

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65 (chemicals known to cause cancer): None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

EPA: 1314-13-2 Zinc oxide D, I, II

TLV: None of the ingredients are listed.

NIOSH-Ca: None of the ingredients are listed.

16. OTHER INFORMATION

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