

SAFETY DATA SHEET



Revision Date 02-Jun-2015 Version 1

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name CLEANING DETECTION GEL

Product code CLEANING DETECTION GEL

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Proper Cleaning Detection Aid For Cleaning Training Purposes

Restrictions on use For Hard Surface Use (Non Porous Surfaces)

1.3 Details of the supplier of the safety data sheet

Supplier Black Light World 2256 Martin Pierce Road Cub Run, KY 42729 (270) 528-6555

E-mail Address service@blacklightworld.com

1.4 Emergency telephone number (270) 528-6555 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

2.2 Label elements

This product is not classified.

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity < 1% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

Substance

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name Zinc sulphide - copper doped with petroleum jelly

CAS-No 68611-70-1

Weight % 90 - 100

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice No information available.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact Immediate medical attention is not required. Wash off with soap and water.

Inhalation Immediate medical attention is not required. Move to fresh air.

Ingestion Do NOT induce vomiting. Drink plenty of water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed Symptoms

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Recommendations for immediate medical care and/or special treatment

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None.

5.2 Specific hazards arising from the substance or mixture**Special Hazard**

None known based on information supplied

Hazardous Combustion Products Carbon oxides. Nitrogen oxides (NOx).

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

5.3 Advice 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

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

6.2 Environmental precautions

Dust deposits should not be allowed to accumulate on surfaces as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., cleaning dusty surfaces with compressed air). Non sparking tools should be used. Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading.

Methods for cleaning up Avoid dust formation. Take precautionary measures against static discharges. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use personal protective equipment. Take up mechanically and collect in suitable container for disposal. Prevent product from entering drains. Keep in suitable and closed containers for disposal.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

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

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place.

Materials to Avoid Contact with acids may release hydrogen sulfide, a toxic and flammable gas that may form explosive mixtures in air.

8. Exposure controls/personal protection

8.1 Occupational Exposure Limits (OEL)

Chemical Name Zinc sulphide - copper doped 68611-70-1, with petroleum jelly

ACGIH TLV TWA: 1 mg/m³ Cu dust and mist

OSHA PEL –

British Columbia

Alberta

Quebec

Ontario TWAEV

8.2 Appropriate engineering controls

Engineering Measures Showers Eyewash stations

Ventilation systems.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

Respiratory protection

If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

Hygiene measures See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Jell

Appearance Clear Jell with green tint

Color Green

Odor Slight

Odor Threshold No information available

Property Values Not Applicable

pH Not Applicable

Melting/freezing point No information available

Boiling point/boiling range Not Applicable No information available

Flash Point Not Applicable No information available

Evaporation rate Not Applicable No information available

Flammability (solid, gas) No information available

Flammability Limits in Air

upper flammability limit No information available

lower flammability limit No information available

Vapor pressure Not Applicable

Vapor density No information available

Specific Gravity No information available

Water solubility Insoluble in water

Solubility in other solvents No information available

Partition coefficient No information available

Auto ignition temperature No information available

Decomposition temperature No information available

Viscosity, kinematic No information available

Viscosity, dynamic No information available

Explosive properties No information available

Oxidizing Properties No information available

9.2 Other information

Volatile organic compounds (VOC) content None

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Dust formation. Take precautionary measures against static discharges.

10.5 Incompatible Materials

Contact with acids may release hydrogen sulfide, a toxic and flammable gas that may form explosive mixtures in air.

10.6 Hazardous

10.6 Decomposition Products

May emit toxic fumes under fire conditions.

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

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

Unknown Acute Toxicity < 1% of the mixture consists of ingredient(s) of unknown toxicity

Numerical measures of toxicity: Component Information

11.2 Information on toxicological effects

Skin corrosion/irritation

Product Information

•May cause irritation

Component Information

•No information available

Eye damage/irritation

Product Information

•May cause eye irritation.

Component Information

•No information available

Respiratory or skin sensitization

Product Information

•No information available

Component Information

•No information available

Germ Cell Mutagenicity

Product Information

•No information available

Component Information

•No information available

Carcinogenicity

Product Information

•Contains no ingredient listed as a carcinogen

Component Information

Reproductive toxicity

Product Information

•No information available

Component Information

•No information available

STOT - single exposure

No information available

STOT - repeated exposure

•No known effect

Other adverse effects

Target Organs

•No information available

Product Information

•No information available

Component Information

•No information available

Aspiration hazard

Product Information

•No information available

Component Information

•No information available

12. Ecological information

12.1 Toxicity

Ecotoxicity

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste Disposal Guidance

Dispose of in accordance with federal, state, and local regulations.

14. Transport Information

DOT Not regulated

MEX Not regulated

IMDG Not regulated

IATA Not regulated

15. Regulatory information

15.1 International Inventories

TSCA Complies **DSL** Complies **EINECS/ELINCS** Complies **ENCS** -
IECSC Complies **KECL** Complies **PICCS** Complies **AICS** Complies **NZIoC** Complies

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

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances **PICCS** - Philippines Inventory of Chemicals and 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

NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name

SARA 313 - Threshold Values %

Zinc sulphide - copper doped 68611-70-1 with petroleum jelly

1.0

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

NFPA Health Hazard - HMIS Health Hazard 1

16. Other information

Flammability 0 Flammability 1

Instability 0 Physical Hazard 0

Physical and chemical hazards -

Personal protection X

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health) NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S)*

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

Prepared By Black Light World
Regulatory Affairs/Product Safety

Revision Date 02-Jun-2015

Revision Note

No information available

Disclaimer

The information provided in this Material 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