



Material Safety Data Sheet

| NFPA | HMIS | PPE | Transport Symbol | | | | | | |
|---|--|---------------|------------------|-------------|---|------------|---|---|-------------------------------------|
|  | <table border="1"><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table> | Health Hazard | 1 | Fire Hazard | 0 | Reactivity | 0 |  | This Space Intentionally Left Blank |
| Health Hazard | 1 | | | | | | | | |
| Fire Hazard | 0 | | | | | | | | |
| Reactivity | 0 | | | | | | | | |

Issuing Date: 01/27/2010

Revision Date: 09/12/2013

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Natural Coffee Maker Cleaner

Recommended Use Cleaning agent – Coffee Makers

Supplier Address

Whink Products Company
PO Box 230

1901 15th Ave., Eldora, IA, 50627
United States of America

Phone: 641.939.2353

Fax: 641.939.2485

Emergency Phone: 800.229.6036

CHEMTREC: 800.424.9300

Company Emergency Phone Number 800.321.9065

2. HAZARDS IDENTIFICATION

Emergency Overview

Severe eye irritation
Risk of serious damage to eyes
Product may be irritating to eyes and skin
Maybe harmful if swallowed

Appearance Clear, Colorless

Physical State Liquid

Odor None

Potential Health Effects

Principle Routes of Exposure Skin and Eye contact.

Acute Toxicity

Eyes

Avoid contact with eyes. Severely irritating to eyes.

Skin

Avoid contact with skin. May cause irritation.

Environmental Hazard

See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|------------------------------|-----------|----------|
| Water | 7732-18-5 | 60-80 |
| β-Hydroxy-Tricarboxylic Acid | 77-92-9 | 10-20 |
| | | |
| | | |
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4. FIRST AID MEASURES

General Advice Call 800.229.6036 or emergency medical service. Remove and isolate contaminated clothing and shoes.

Eye Contact In case of contact with eyes, remove contacts if needed, immediately flush eyes with running water for at least 20 minutes. Get medical attention immediately if irritation persists.

Skin Contact For minor skin contact, avoid spreading material on unaffected skin. Wash off immediately with plenty of water.

Inhalation None required under recommended use conditions. Remove to fresh air.

Ingestion Rinse mouth and drink a glass of water. Consult a physician if discomfort occurs or persists. Never give anything to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flammable Properties Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Containers may rupture due to gas build-up when heated.

Flash Point Not determined.

Suitable Extinguishing Media Water spray, foam, dry chemical or carbon dioxide as suitable for surrounding fire. Dike fire control water for later disposal; do not scatter the material.

Uniform Fire Code • Irritant: Liquid

Hazardous Combustion Products None Known

Explosion Data

| | |
|---|---------------|
| Sensitivity to mechanical impact | Not sensitive |
| Sensitivity to static discharge | Not sensitive |

Protective Equipment and Precautions for Firefighters In the event of a fire wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.
Health Hazard 1 Flammability 0 Stability 0 Physical and Chemical Hazards N/A

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6. ACCIDENTAL RELEASE MEASURES

Methods for Containment Absorb or cover with dry earth, sand or other non-combustible material and transfer to approved storage containers.

Methods for Cleaning Up Use personal protective equipment. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

Other Information N/A

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures Showers
Eyewash stations

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles.

Skin and Body Protection Wear Chemical Resistant Gloves.

Respiratory Protection If exposure limits are exceeded or 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

Hygiene Measures When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------------|---------------------------|--|---------------------------|
| Appearance | Colorless – Slight Yellow | Odor | Sweet |
| Odor Threshold | No information available | Physical State | Clear Liquid |
| pH as is at 25°C | 3.0 | Autoignition Temperature | No information available. |
| Flash Point | No information available. | Boiling Point/Range | No information available. |
| Decomposition Temperature | No information available. | Explosion Limits | No information available. |
| Melting Point/Range | No information available. | Solubility | No information available. |
| Flammability Limits in Air | No information available. | Vapor Pressure | No data available. |
| Water Solubility | Soluble | VOC Content | < 0.1% |
| Evaporation Rate | No information available. | Partition Coefficient (n-octanol/water) | No data available. |
| Vapor Density | No data available. | | |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Stability | Stable under recommended storage conditions |
| Incompatible Products | Oxidizers, bases and metal nitrates |
| Conditions to Avoid | High Heat |
| Hazardous Decomposition Products | Emits carbon oxides gases under fire conditions. |
| Hazardous Reactions | None |
| Hazardous Polymerization | Hazardous polymerization will not occur. |

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure Eye and Skin Irritation. Itching or burning of the eyes and skin.

Acute Effects

| | |
|-------------------|---|
| Eyes | May cause severe conjunctiva irritation and corneal damage. |
| Skin | May cause irritation and allergic skin reaction. |
| Inhalation | Not Determined |
| Ingestion | Not Orally Toxic |

Target Organ Effects None known.

Chronic Toxicity Possible Drying of the Skin

Carcinogenicity Contains no ingredient listed as a carcinogen.

Acute Toxicity Values Oral LD₅₀ (Rat) = Not Determined Dermal LD₅₀ (Rabbit) = Not Determined Inhalation LC₅₀ (Rat) = Not Determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Biodegradable. Fish Toxicity: Low
 BOD = 0.24 p/p; COD = 0.35 p/p
 LC 50 (P.promelas) = 200mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

Contaminated Packaging Dispose of in accordance with local regulations

California Hazardous Waste Codes 561

This product contains no substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|---------------|-----------------------------------|
| N/A | N/A |
| | |
| | |

14. TRANSPORT INFORMATION

DOT

| | |
|-----------------------------|------------------------|
| Proper Shipping Name | Non Regulated Material |
| Hazard Class | N/A |
| Description | Cleaning Compound NOI |

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| 15. REGULATORY INFORMATION |
|----------------------------|

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| CHINA | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

U.S. Federal Regulations**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

| | |
|--|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

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)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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15. REGULATORY INFORMATION Cont.**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

See Specific State for Required Regulations

International Regulations

See Specific Country for Regulations required.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not a WHMIS controlled product

16. OTHER INFORMATION

Revision Date 09/12/2013

Reviewed content

Prepared By:

Manufacturer's Technical Services Department

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS

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