

8814
SGS

Including item #'s: 1100-10R, 1106-10TW,
1100-80D, & 1100-40D

OCCUNOMIX

585-52 North Bicycle Path
Port Jefferson Station
NY 11776

SDS Report

No. SHATY1505314101

Date: Apr. 20, 2015

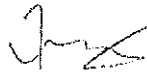
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SGS Ref. No. : SHTY150400004149
Sample Name : Warmers
End Uses : Hand warmer, Toe warmer, Body warmer
Composition/ingredient of sample (as per client submission) : See section 3 Composition/Information on Ingredients on the SDS report
Job Receiving Date : Apr 01, 2015
Last Information Date : Apr 02, 2015
SDS Preparation Period : Apr 01 - 10, 2015

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor: 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wei WANG, Terry
Approved Signatory



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Safety Data Sheet

29 CFR 1910.1200

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Reviewed on 04/02/2015

1 Identification

- Product identifier
- Trade name: Warmers
- Recommended use of the chemical and restrictions on use
- Application of the substance / the preparation: Hand warmer, Toe warmer, Body warmer
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

Tel:
Email:
Only Representative/ other US contact point: Not available
Further information obtainable from:

- Emergency telephone number:

Poison Center
Tel: +1 800 222 1222

- Reference Number: SHTY150400004149; SHATY1505314101

2 Hazard(s) identification

- Classification of the substance or mixture
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Information concerning particular hazards for human and environment:
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Classification system:
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- Label elements
- Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Hazard pictograms Not applicable.
- Signal word Not applicable.
- Hazard-determining components of labeling: Not applicable.
- Hazard statements Not applicable.
- Precautionary statements Not applicable.
- Hazards not otherwise classified (HNOC) No further relevant information available.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed risk phrases refer to section 16.

Composition:		
7439-89-6	Iron, powder	⊕ Flam. Sol. 2, H228 60.0%
1318-00-9	Vermiculite	15.0%
7732-18-5	Water	15.0%
64365-11-3	Charcoal, activated	5.0%

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Trade name: Warmers

7647-14-5 sodium chloride

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5.0%

4 First-aid measures

- Description of first aid measures
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Rinse out mouth with water.
If symptoms persist consult doctor.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

- Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Special protective equipment and precautions for firefighters
- Protective equipment:
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation.
Avoid formation of dust.
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
Avoid contact with skin.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- Precautions for safe handling:
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
Avoid contact with eyes and skin.
- Information about protection against explosions and fires:
Keep ignition sources away · Do not smoke.

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Normal measures for preventive fire protection.

- Conditions for safe storage, including any incompatibilities
- Requirements to be met by storerooms and receptacles:
 - Store in a cool location.
 - Store only in the original receptacle.
- Information about storage in one common storage facility:
 - Store away from foodstuffs.
 - Store away from flammable substances.
 - Do not store together with oxidizing and acidic materials.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- Components with limit values that require monitoring at the workplace:
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
- Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure
- Appropriate engineering controls: See Section 7 for information about design of technical facilities.
- Personal protective equipment
- Breathing equipment: Suitable respiratory protective device recommended.
- 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 can not be calculated in advance and has therefore to be checked prior to the application.

• Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

• General Information

• Appearance:

- | | |
|------------------|----------------|
| Form: | Powder |
| Color: | Black |
| Odor: | Odorless |
| Odour threshold: | Not available. |

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pH-value:	Not available.
Change in condition	
Melting point/Melting range:	Not available.
Freezing point:	Not available.
Boiling point/Boiling range:	Not available.
Flash point:	Not available.
Flammability (solid, gaseous):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Explosion limits:	
Lower:	Not available.
Upper:	Not available.
Vapor pressure:	Not available.
Density:	Not available.
Relative density	Not available.
Vapour density	Not available.
Evaporation rate	Not available.
Solubility in / Miscibility with Water:	Not available.
Partition coefficient (n-octanol/water):	Not available.
Viscosity:	
Dynamic:	Not available.
Kinematic:	Not available.
Other information	No further relevant information available.

10 Stability and reactivity

- Reactivity: No decomposition if used according to specifications.
- Chemical stability: Stable under recommended storage conditions.
- 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

Acute toxicity

LD₅₀/LC₅₀ values that are relevant for classification:

7439-89-6 Iron, powder

Oral LD₅₀: 30000 mg/kg (rat)

7647-14-5 sodium chloride

Oral LD₅₀: 3000 mg/kg (rat)

Primary irritant effect

- on the skin: Irritating effect possible.
- on the eye: Irritating effect possible.
- Sensitization: Sensitization possible.

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• **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

• **NTP (National Toxicology Program)**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

• **Toxicity**

• **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.

• **Other adverse effects:** No further relevant information available.

13 Disposal considerations

• **Waste treatment methods**

• **Recommendation:** Smaller quantities can be disposed of with household waste.

• **Uncleaned packaging**

• **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

• **UN-Number**

• **DOT, IMDG, IATA** Not applicable.

• **UN proper shipping name**

• **DOT, IMDG, IATA** Not applicable.

• **Transport hazard class(es)**

• **DOT, IMDG, IATA**

• **Class** Not applicable.

• **Packing group**

• **DOT, IMDG, IATA** Not applicable.

• **Environmental hazards**

• **Marine pollutant:** No

• **Special precautions for user**

Not applicable.

• **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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UN "Model Regulation":

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

7647-14-5 sodium chloride

7732-18-5 Water

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency):

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

16 Other information

NFPA ratings (scale 0 - 4)

Health = 0
Fire = 0
Reactivity = 0

HMS ratings (scale 0 - 4)

HEALTH 0 Health = 0
FIRE 0 Fire = 0
REACTIVITY 0 Reactivity = 0

Relevant phrases

H228 Flammable solid.

.....
The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the

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• Date of preparation / last revision 04/10/2015 / •

• Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Sol. 2: Flammable solids, Hazard Category 2

End of document

USA