

Creation Date: June 03, 2005
Revision Date: JUNE 24, 2016



Safety Data Sheet

1. Material and company information

Product Name: MIRACLOTH
Product code: L010
Company Name: Kan-ei Sangyo Co., Ltd.
Address: Osaka Yao Takefuchi 2-chome address 136
Telephone number: 06-6708-7517
FAX number: 06-6708-0008
E-mail address: kan-ei@msd.biglobe.ne.jp
Recommended applications and usage restrictions: Abrasive cloth

2. HAZARDS IDENTIFICATION (As impregnation liquid ingredient)

GHS Classification implementation date

Physical hazards	flammable liquid	Not classified	
Hazard to health	Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation: gas) Acute toxicity (inhalation: vapor) Acute toxicity (inhalation: dust) Acute toxicity (inhalation: mist) Skin corrosion and irritation Serious damage and irritation to the eye Respiratory sensitization potential Skin sensitization Germ cell mutagenicity carcinogenic Reproductive toxicity Particular target organ systemic toxicity (single dose exposure) Particular target organ systemic toxicity (repeated exposure) Aspiration hazard		Classification not possible Classification not possible Not applicable Classification not possible Can not be classified Classification not possible Classification not possible Classification not possible Can not be classified Not classified Not classified Can not be classification Can not be classification Category 3 Category 1 Can not be classification
Hazard to the environment	Aquatic environment acute hazard The aquatic environment chronic hazard		Can not be classification Can not be classification
Label elements			
Pictograms or symbols	 		
Signal words	Warnings		
Hazard information	Fear of the stimulation to respiratory organs Lungs disorder by a long term or the repetition revelation		
Note of caution	[Safety measures] Avoid release to the environment. After handling I wash hands thoroughly. Protective gloves, wear clothing and eye or face protection. [First aid] If swallowed: Rinse the mouth. You do not induce vomiting. Case of contact with eyes: Rinse cautiously with water for several minutes. Then it is removed, if present and easy to do to wear contact lenses. Thereafter continue to wash. If you adhere to the skin (or hair): Take off immediately all contaminated clothing, and remove. Wash the skin with water or shower. Immediately call a physician. And wash before reuse contaminated clothing. If you were exposed: Special treatment is urgently necessary in accordance with first aid instructions of a physician. If you inhalation: In fresh air and allowed to rest in and breathing easy attitude. [Storage] Store in a location that can be locked and sealed to. [Disposal] Contents and container, properly disposed of in accordance with the criteria of the related laws and regulations, as well as local government.		

Countries and regions information

3. Composition and component information(As impregnation liquid ingredient)

Distinction of single products and mixture

Containing components	CAS number	Content	Official Gazette public notice Docket No. Chemical Substances Control Law and Industrial Safety and Health Law
Aluminum oxide	1344-28-1	45%	Control Law (1)-23
Mineral oil	Privately held	46%	Not applicable
Fatty acid	Privately held	7.0%	Not applicable
Activator	Privately held	2.0%	Not applicable

<p>4. FIRST AID MEASURES</p> <p>If inhalation</p> <p>If adhere to the skin</p> <p>If it gets the eyes</p> <p>If swallowed</p> <p>The most important signs and symptoms</p> <p>Protection of those who first aid measures</p> <p>Special Notes to physician</p>	<p>In case of inhalation of fine particles or mist, immediately the patient was transferred to fresh air, Warm and to rest, to perform the oxygen inhalation, if possible.</p> <p>Promptly receive medical attention.</p> <p>Contaminated clothing and shoes by undress quickly, the adhered or contact portion rinse with plenty of water and seek medical attention as soon as possible. No indication of a physician, and should not be painted with oils and other drugs to chemical injury part.</p> <p>Immediately washed up every corner of the eyelid for more than 15 minutes with plenty of tap water, and consult a physician immediately.</p> <p>In attempts to induce vomiting in patients, and is not to be absolutely because it is broken is rather the affected stomach wall became thin. Should not be given nothing in patients that have lost consciousness. When consciousness is clarity of patients, either to drink plenty of water as much as possible, and to drink the milk, if possible, consult a doctor promptly.</p> <p>Eye, skin disorders. And the lung by respiratory disorders hypofunction, difficulty in breathing.</p> <p>Because of secondary pollution prevention, and the emergency treatment to wear chemical protective gloves, etc..</p> <p>Mist of this product, steam, if there is a risk of inhalation of spray, even without symptoms 24 hours after exposure to me to observe the course.</p>																																	
<p>5. Measures of fire</p> <p>Extinguishing agent</p> <p>Disabled extinguishing agent</p> <p>Specific Hazards</p> <p>Special fire fighting procedures</p> <p>Protection of a person who performs the fire fighting</p>	<p>Non-flammable, the surrounding fire I use appropriate extinguishing media.</p> <p>No information</p> <p>On contact with water to generate heat. Do not put the water in the container.</p> <p>This product itself is non-flammable, promptly I move the container in a safe place.</p> <p>When you can do it without risk to block the leakage part.</p> <p>If nonmovable is cooled by water spray to the container and surrounding, to prevent destruction of the container.</p> <p>Protective clothing, breathing apparatus, circulation oxygen respiratory, rubber boots.</p>																																	
<p>6. Accidental Release Measures</p> <p>Notes to the human body,</p> <p>Protective equipment and emergency measures</p> <p>The Environmental precautions</p> <p>Measures to prevent secondary disasters</p>	<p>During the work, as splash or the like does not touch the skin,</p> <p>In addition, so as not to inhale harmful gas, wear the appropriate protective equipment.</p> <p>Is retracted the people who are downwind, to work from the windward.</p> <p>By, for example put a rope around the spilled location, "And deny unnecessary entry."</p> <p>Rivers of spilled product, drainage, to prevent the flow of sewage into the groove, etc..</p> <p>If possible, shut off the leak source, stop the leak.</p> <p>If small amounts of, sawdust, and is absorbed in the cloth, etc., is collected in the empty container can be sealed.</p> <p>In the case of a large amount, it is possible to prevent the outflow is surrounded by a embankment and the soil, can be sealed with explosion-proof pump, etc.</p> <p>recovered in the empty container.</p> <p>Residue after carefully neutralized with dilute acid (acetic acid is desirable) and rinse with plenty of water.</p> <p>Recovered materials to properly discarding process.</p> <p>Drainage ditch, sewers, I prevent from flowing into the basement or closed location.</p>																																	
<p>7. Handling and storage</p> <p>Handling Technical measures</p> <p>Localized and general ventilation Notes</p> <p>Safe handling advice</p> <p>Storage Technical measures</p> <p>Storage conditions</p> <p>Packaging materials</p>	<p>Near the handling location, installing the equipment for performing eye wash and body wash in an emergency.</p> <p>After handling, wash hands thoroughly, the face, etc., gargle.</p> <p>Handling location, dealing in the local exhaust, or at the location of the equipment of the entire ventilation.</p> <p>Handled as fumes does not occur.</p> <p>When handling outdoors, to work from the windward as much as possible.</p> <p>avoid any contact.</p> <p>Clothing, to wear skin, or touch the mucous membrane, so as not get in eyes, also so as not breathe and divergence vapor-mist the appropriate protective equipment.</p> <p>wash hands thoroughly, the face or the like after handling.</p> <p>The handling location, and deny unnecessary entry.</p> <p>Avoid contact with acidic substances, Keep container in a cool, dark place tightly closed.</p> <p>Keep container in a cool, dark place tightly closed.</p> <p>Avoid contact with acidic substances, Keep container in a cool, dark place tightly closed.</p> <p>Alkali resistance sealed container</p>																																	
<p>8. Exposure prevention and protection measures</p> <p>Management concentration</p> <p>Allowable concentration</p> <p>Engineering measures</p> <p>Protective equipment of hand</p> <p>Eye protection</p> <p>Protection of skin and body</p> <p>Hygiene measure</p>	<p>Not configured</p> <p>No data</p> <p>Sealed devices, installing the equipment or local exhaust ventilation.</p> <p>Wash shower near the handling place, hand washing, provide an eyewash facilities.</p> <p>That you wear appropriate respiratory protective equipment.</p> <p>To Wear suitable protective gloves.</p> <p>Should be worn protective equipment appropriate eye.</p> <p>That you wear appropriate protective clothing.</p> <p>Wash hands thoroughly after handling.</p>																																	
<p>9. Physical and chemical properties</p> <p>Physical</p> <p>The shape</p> <p>Color</p> <p>Odor</p> <p>Ph</p> <p>Boiling point</p> <p>Flash point</p> <p>Vapor pressure</p> <p>Specific gravity (density)</p> <p>Solubility</p> <p>Viscosity</p> <p>Other</p>	<p>(As impregnation liquid ingredient)</p> <table border="1"> <thead> <tr> <th></th> <th>Cloth</th> <th>Paste</th> </tr> </thead> <tbody> <tr> <td>Color</td> <td>Yellow</td> <td>White</td> </tr> <tr> <td>Odor</td> <td>-</td> <td>-</td> </tr> <tr> <td>Ph</td> <td>-</td> <td>-</td> </tr> <tr> <td>Boiling point</td> <td>-</td> <td>-</td> </tr> <tr> <td>Flash point</td> <td>None</td> <td>None</td> </tr> <tr> <td>Vapor pressure</td> <td>-</td> <td>-</td> </tr> <tr> <td>Specific gravity (density)</td> <td>-</td> <td>1.3g/ml (20°C)</td> </tr> <tr> <td>Solubility</td> <td>-</td> <td>Insoluble in water</td> </tr> <tr> <td>Viscosity</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		Cloth	Paste	Color	Yellow	White	Odor	-	-	Ph	-	-	Boiling point	-	-	Flash point	None	None	Vapor pressure	-	-	Specific gravity (density)	-	1.3g/ml (20°C)	Solubility	-	Insoluble in water	Viscosity	-	-	Other	-	-
	Cloth	Paste																																
Color	Yellow	White																																
Odor	-	-																																
Ph	-	-																																
Boiling point	-	-																																
Flash point	None	None																																
Vapor pressure	-	-																																
Specific gravity (density)	-	1.3g/ml (20°C)																																
Solubility	-	Insoluble in water																																
Viscosity	-	-																																
Other	-	-																																
<p>10. Stability and reactivity</p> <p>Stability</p> <p>Possibility of hazardous reactions</p>	<p>Under normal handling conditions is stable.</p> <p>Under normal handling conditions is stable.</p>																																	

Conditions to avoid	None
Materials to avoid	None
Hazardous decomposition products	Decomposition products None.

11. Toxicological Information

Acute toxicity: Oral		No data
Transdermal		No data
Inhalation	Inhalation (gas):	No data
	Inhalation (vapor):	No data
	Inhalation (mist):	No data
Skin corrosion resistance and irritation		No data
Serious damage or irritation to the eyes		No data
Respiratory sensitization or skin sensitization	Respiratory sensitization:	No data
	Skin sensitization:	No data
Germ cell mutagenicity		No data
Carcinogenic		No data
Reproductive toxicity		No data
Particular target organ systemic toxicity (Single dose exposure)		No data
Particular target organ systemic toxicity (Repeated exposure)		No data
Aspiration hazard		No data

12. Environmental impact information

Aquatic environment acute hazard	No data
The aquatic environment chronic hazard	No data

13. Disposal considerations

Residual waste	In the disposal, and that you follow the standards of the related laws and regulations, as well as local government. Industrial waste treatment company that has received the permission of the prefectural governor, Or to be processed are delegated to it in the case of local government is doing its processing. If you want to commission the processing of waste, on sufficient notice risk in processing skilled in the art, the hazard, and to entrust the processing.
Pollution container and packaging	Container will be recycled in the cleaning or related laws and regulations as well as, make the appropriate disposal in accordance with the criteria of the local government. When disposing of empty containers, it is possible to completely remove the contents.

14. Notes on transport

International regulation	Not applicable
National regulations	Not applicable
Specific safety measures and conditions of transportation	-

15. Applicable law

Poisonous and Deleterious Substances Control Law	Not applicable
Occupational Safety and Health Act	Mineral oil (20-25%) , Aluminum oxide(20-25%)
Water Pollution Prevention Law	Not applicable
Chemical Substance Management Law for Promotion (PRTR Law)	Not applicable
Fire Service Act	Not applicable
REACH regulation(ECHA)	Not applicable

•Follow all regulation in your country

16. Other information

Bibliography	GHS-related data collection (Japan surfactant Industry Association)
--------------	---

Safety Data Sheet (SDS) the description, the latest information available at this time, information, but we have created on the basis of the data, that it may be revised by the new knowledge, content, physical and chemical properties , with respect to such risk, hazard, it does not constitute any guarantee. In addition, because the notes in SDS is what was the normal handling to the subject, in the case of special handling, on the safety measures that are suitable for use and usage of implementation, please use.