

## Safety Data Sheet (SDS)

Preparation Date 2010/05/13

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### Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	G-1 GREEN ROUGE
Product Code	1121212ENG
Reference Number	QC1018-4
Company Name	C.Uyemura & Co.,Ltd.
Address	1-5-1, Deguchi, Hirakata, Osaka, 573-0065, Japan
Company Contact	QC Group, Technical Dept., Hirakata Chemical Plant
Phone Number	+81-72-832-0164
Fax Number	+81-72-832-2898
Emergency Phone Number	(Tel): +81-6-6202-8944 (Fax): +81-6-6222-0866
Recommended Use and Restriction on Use	Buffing compound

### Section 2 - HAZARDS IDENTIFICATION

#### GHS Classification

Health Hazards	Sensitization - respiratory Category 1 Sensitization - skin Category 1
Environmental Hazards	Hazard to the aquatic environment (acute hazard) Category 1 Hazard to the aquatic environment (long-term hazard) Category 1

#### GHS Label Elements

#### Symbols



Signal Word	Danger
Hazard Statements	H317 May cause an allergic skin reaction H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled H410 Very toxic to aquatic life with long lasting effects
Precautionary Statements	
Prevention	Wear respiratory protection.(P284)
Precautionary Statements	Contaminated work clothing should not be allowed out of the workplace.(P272) Avoid release to the environment.(P273) Wear protective gloves.(P280)

Response Precautionary Statements	Take off contaminated clothing and wash it before reuse.(P362+P364)  IF ON SKIN: Wash with plenty of soap and water.(P302+P352) IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340) Specific treatment.(P321) If skin irritation or rash occurs, get medical advice and attention.(P333+P313) If experiencing respiratory symptoms: Call a doctor.(P342+P311) Collect spillage.(P391)
Disposal Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance  
or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS	ISHL No.	
Chromic oxide	87%	Cr <sub>2</sub> O <sub>3</sub>	(1)-284	Listed	1308-38-9
Fatty acid	11.3%	-			
Parahhine wax	1.3%	-			
Metal soap	0.4%	-	(2)-611		1592-23-0

## Section 4 - FIRST AID MEASURES

Inhalation

Immediately call a POISON CENTER or doctor/physician.

Skin Contact

Rinse skin with water/ shower. Call a POISON CENTER or doctor/ physician if you feel unwell.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Immediately call a POISON CENTER or doctor/physician.

What mixed the egg white with milk, and a lot of water is given. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

## Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

A container is promptly moved to a safe place. When it cannot move, a container and the circumference are watered and it cools.

Specific Hazards

Dry chemicals, CO<sub>2</sub>, fog, sand or regular foam. Fire may produce irritating, corrosive and/or toxic gases.

Specific Fire Fighting

Move containers from fire area if you can do it without risk.

Protection of Fire Fighter	In surrounding fire, move containers instantly to safe place, if movable. In fire fighting, wear respiratory protection and chemical protective clothing.
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## Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.  Keep unauthorized personnel away. Wear appropriate personal protective equipment (Refer to "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin. If not wearing an appropriate personal protective equipment, do not touch the damaged container and leakage.
Environmental Precautions Methods and Equipment for Containment and Cleaning up	Pay attention not to cause the influence on the environment by discharging into rivers. Vacuum or sweep up material and place in a disposal container.  Cleansing the contaminated area thoroughly with large quantities of water after removal.
Prevention Measures for Secondary Accidents	Prevent flowing into drain, sewage, basement, and closed area.

## Section 7 - HANDLING AND STORAGE

Handling	Deal with the container carefully and don't spill it by shock, fall, etc.
Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".
Precautions for Safe Handling	Obtain special instructions before use.  Do not handle until all safety precautions have been read and understood. After handling, wash hands and gargle the mouth. Do not contact, breathe or swallow.
Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
Specific Hygiene Measures	Wash hand thoroughly after handling.  Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

Storage Precautionary  
StatementsTechnical  
Measures

A container is stoppered closely, avoids heat and high humidity, and keeps them in a predetermined place.

The storage floor should be protected from water penetration, or should have water-proof construction.

Refer to "Section 10 - STABILITY AND REACTIVITY".

Store in accordance with local, regional and national regulations.

Store locked up.

Material Used in  
Packaging/Containers

No information available

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Japan Administration  
Level/Exposure Limits

	Japan Administration Level	Exposure Limits (Japan Society for Occupational Health)	Exposure Limits (ACGIH)
Chromic oxide	Not established	0.5mg/m <sup>3</sup>	TWA 0.5 mg/m <sup>3</sup> , STEL - (as Cr : Metal and Cr III compounds)
Solid paraffin	Not established		TWA 2 mg/m <sup>3</sup> , STEL -

## Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep exposure to airborne levels below recommended exposure limits.

Workplace storing or handling this product should be equipped with eyewashing station and safety shower.

Personal Protective  
EquipmentRespiratory  
Protection  
Hand Protection  
Eye Protection

Wear adequate personal mask.

Wear adequate personal rubber gloves.

Wear chemical splash goggles and standard face shield.

Skin and Body  
Protection

Wear suitable protective clothing.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

## Appearance

Physical State  
Form  
Color

Solid

Solid

Green

## Odor threshold

No information available

## pH

No data available

Initial Boiling Point and  
Boiling Ranges

No information available

## Flash Point

Not ignited

Flammability or  
Explosive Limits

## Lower Limit

No information available

## Upper Limit

No information available

Solubility	Insoluble in water
Auto-Ignition Temperature	No information available
Kinematic viscosity	No information available

## Section 10 - STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	The material is stable under storage and handling conditions comprised with the regulations.
Possibility of Hazardous Reaction	Oxidizing agents, Strong acids, Strong alkalis
Conditions to Avoid	High temperature
Incompatible Substances or Mixtures	Oxidizing agents, Strong acids, Strong alkalis
Hazardous Decomposition Products	No data available

## Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity	No information available
Respiratory or Skin Sensitization	Respiratory Category 1 Skin Category 1

## Section 12 - ECOLOGICAL INFORMATION

Hazard to the aquatic environment (acute hazard)	Category 1
Hazard to the aquatic environment (long-term hazard)	Category 1
Ecotoxicity	No information available
Hazard to the ozone layer	No data available

## Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste	Process liquid processes according to effluent regulation. Disposal should be in accordance with applicable regulations and standards by the respective local governments. Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material. Contact us for further information.
Contaminated Container and Packaging	Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments. In case of disposal of empty containers, remove the content thoroughly.

## Section 14 - TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable

Regulations in Japan	Regulatory Information by Air	Not applicable
	UN No.	Not applicable
	Regulatory Information by Road or Rail	Not applicable
	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable
Section 15 - REGULATORY INFORMATION		
European/International Regulations		No data available
US Federal regulations	TSCA Inventory status	Listed on the TSCA Inventory
	SARA 311/312/313	CAS numbers and weight percents are found in Section 3
Japan Regulations	Fire Defense Law	Hazardous material class: Not applicable
	Poisonous and Deleterious Substances Control Law	Not applicable
	Occupational Health and Safety Law	Not applicable
	Display material	Not applicable
	Notice material	Chromium compound, Solid paraffin
	Pictogram/Signal word	Not applicable
	PRTR Law	Chromium compound, 60% (as Cr)
	Waste Disposal Law	Industrial waste subject to special control: Not applicable
Section 16 - OTHER INFORMATION		
Information Contact		No information available
Literature References		National Institute of Technology and Evaluation (NITE), "GHS Classification result data" Japan Chemical Database Ltd., Laws and Regulations Data "ezCRIC"
Other Property		The information above is believed to be accurate and represents the best information currently available to us. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.