

**MATERIAL SAFETY DATA SHEET**  
GRESOL BARRIER CREAM

FILE NO.: 001-1A  
MSDS DATE: 15/12/2013

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** GRESOL BARRIER CREAM  
**SYNONYMS:** N.A.  
**PRODUCT CODES:** N.A.  
**MANUFACTURER:** GOOD HARVEST TRADING PTE LTD  
**DIVISION:** N.A.  
**ADDRESS:** 51 UBI AVE 1  
#03-17 PAYA UBI INDUSTRIAL PARK  
SINGAPORE 408933

**EMERGENCY PHONE:** 995  
**OTHER CALLS:** (65) 67740533  
**FAX PHONE:** (65) 67740042

**PRODUCT USE:** GRE SOL BARRIER CREAM IS A PRE-WORK CREAM THAT PROTECTS AGAINST THE EFFECTS OF FREQUENT OR LONG TERM CONTACT WITH WATER BASED SOLUTIONS

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>INGREDIENT:</b>	<b>CAS#</b>	<b>% WT</b>
1. WATER	7732-18-15	72.3
2. EMULSIFYING WAX	N.A.	19.2
3. WHITE OIL	64742-47-8	1.2
4. GLYCERINE	8043-29-6	7.1
5. TITANIUM DIOXIDE	13463-67-7	0.3

**OSHA PEL-TWA:** NOT KNOWN  
**OSHA PEL STEL :** NOT KNOWN  
**OSHA PEL CEILING:** NOT KNOWN

**ACGIH TLV-TWA:** NOT KNOWN  
**ACGIH TLV STEL:** NOT KNOWN  
**ACGIH TLV CEILING:** NOT KNOWN

**SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** GENERALLY NOT HAZARDOUS EXCEPT IN PROLONGED OR EXCESSIVE EXPOSURE

**ROUTES OF ENTRY:** INGESTION, SKIN CONTACT AND EYE CONTACT

**POTENTIAL HEALTH EFFECTS**

**EYES:** MAY CAUSE SLIGHT TEMPORARY IRRITATION

**SKIN:** PROLONGED EXPOSURE NOT LIKELY TO CAUSE IRRITATION

**INGESTION:** SINGLE DOSE ORAL TOXICITY IS LOW. SMALL AMOUNTS SWALLOWED UNLIKELY TO CAUSE INJURY. EXCESSIVE AMOUNTS MAY DAMAGE NERVOUS SYSTEM AND INCREASE BLOOD SUGAR LEVELS

**INHALATION:** NOT LIKELY TO CAUSE INJURY

**CARCINOGENICITY**  
NOT LISTED AS CARCINOGENIC

**SECTION 4: FIRST AID MEASURES**

**EYES:** FLUSH EYES WITH WATER

**SKIN:** WASH OFF IN FLOWING WATER OR SHOWER

**INGESTION:** SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITTING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL

**INHALATION:** REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN

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## SECTION 5: FIRE-FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER, FOAM

**SPECIAL FIRE FIGHTING PROCEDURES:** DO NOT USE CONTINUOUS WATER JETS

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** STEAM MAY GENERATE VIOLENTLY ON APPLICATION OF DIRECT WATER STREAM

**HAZARDOUS DECOMPOSITION PRODUCTS:** ACROLEIN, CARBON OXIDES

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:**  
WEAR PERSONAL PROTECTIVE EQUIPMENT.  
COVER SMALL SPILLS WITH ABSORBENT MATERIAL, SOAK UP AND SWEEP INTO DRUM.  
DIKE AROUND LARGE SPILLS AND PUMP INTO SUITABLE CONTAINERS.  
DO NOT DUMP INTO DRAINS OR SEWERS, OR RELEASE INTO ANY BODIES OF WATER.

## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:**  
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE  
PROVIDE ADEQUATE VENTILATION

STORE TIGHTLY CLOSED IN A DRY, COOL AND WELL VENTILATED PLACE

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:**  
FOR MOST CONDITIONS, NO RESPIRATORY PROTECTION IS NEEDED; HOWEVER, IF MATERIAL IS HEATED OR SPRAYED, USE AN APPROVED AIR PURIFYING RESPIRATOR

**EYE PROTECTION:**  
USE SAFETY GOGGLES

**SKIN PROTECTION:**  
LIGHTWEIGHT PROTECTIVE CLOTHING

**WORK HYGIENIC PRACTICES:**  
PRACTICE STANDARD GOOD HYGIENE

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** WHITE GELATINOUS SOLID

**ODOUR:** FAINT PETROLEUM ODOUR

**PHYSICAL STATE:** GELATINOUS SOLID

**SOLUBILITY IN WATER:** MISCIBLE

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:**  
STABLE AT STANDARD TEMPERATURES AND PRESSURES

**CONDITIONS TO AVOID (STABILITY):**  
HIGH TEMPERATURE

**INCOMPATIBILITY (MATERIAL TO AVOID):**  
OXIDISING AGENTS

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**  
CARBON OXIDES

**HAZARDOUS POLYMERIZATION:**  
NONE

**CONDITIONS TO AVOID (POLYMERIZATION):**  
N.A.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**TOXICOLOGICAL INFORMATION:**

NO ADVERSE HEALTH EFFECTS EXPECTED IF THE PRODUCT IS HANDLED IN ACCORDANCE WITH THIS SAFETY DATA SHEET AND THE PRODUCT LABEL.

TOXICOLOGICAL DATA FOR PRODUCT IS UNAVAILABLE

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:**

AVOID CONTAMINATING WATERWAYS AND BODIES OF WATER. PRESENCE OF NON BIODEGRADABLE METALS IN MINUTE AMOUNTS.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:**

DISPOSE ACCORDING TO APPLICABLE REGULATIONS

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**SECTION 14: TRANSPORT INFORMATION**

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NON HAZARDOUS FOR TRANSPORT UNDER NORMAL CONDITIONS

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**SECTION 15: REGULATORY INFORMATION**

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N.A.

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**SECTION 16: OTHER INFORMATION**

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**DISCLAIMER:**

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE THIS COMPANY SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.