MATERIAL SAFETY DATA SHEET
No: 
Product: Q4-45 Hand Cleaner with GRIT 
Date Issued: 
Pages: 1 of 7 
------------------------------------------------------------------------------------------------------------

PRODUCT: Q4-45 Hand Cleaner with Grit

- COMPOSITION: FATTY ACID
- NON-IONIC SURFUCTANT
- BOOSTER & STABILISING AGENT
- BUFFER & CLEANING AGENT
- SEMI BUFFER, DISINFECTANT & SCENT
- PRESERVATIVE
- SKIN CONDITIONER
- SKIN CONDITIONER & THICKENER
- ALKANOLAMINES -> 102716
- TERPENE ALCOHOLS -> 8002-09-3
- FATTY ACIDS -> 8002-26-4

DESCRIPTION:
Q4-45 Hand Cleaner with Grit is a Waterless, Anti-Bacterial and Bio-degradable Hand Cleaner which contains Lanolin for the protection against skin dryness and chapped skin. Q4-45 Hand Cleaner with Grit represents the latest development in the safe cleaning of hands, without the use of harsh ingredients or irritating ammonias. Q4-45 Hand Cleaner with Grit is an active cleaning formula, which removes dirt, grease, grime, paint, printer’s ink and other similar soils with ease.

PROPERTIES:
Appearance - Blue
pH of 1% Solution - 6 ~ 8
Odour - Pine

FEATURES:
1. Wipe On / Wipe Off type cleaning.
2. Free rinsing with water.
3. Concentrated formulation.
4. Water Soluble
5. Completely biodegradable.
6. Extremely versatile in its use.

DIRECTIONS FOR USE:
- Place a small amount of Q4-45 Hand Cleaner with Grit onto soiled dry hands and rub briskly working into pores of the skin. Loosened dirt may be wiped away with a dry cloth or paper towel. Do not rinse if a second application is required.
• Re-apply as before, using a cloth or towel to wipe away soils and rinse with cold water.

Q4-45 Hand Cleaner with Grit can also be used to remove coal tar, bitumen.

MATERIAL SAFETY DATA SHEET (Cont’d)
Product: Q4-45 Hand Cleaner with Grit
Pages: 2 of 7

PRECAUTIONS:
• Avoid eye contact – In case of eye contact flush with water.
• If ingested – Rinse mouth thoroughly and drink lots of water.
• KEEP OUT OF REACH OF CHILDREN.

CHEMICAL FAMILY: GRIT HAND CLEANER

SYNONYMS: WATERLESS HAND CLEANER

HAZCHEM CODE: NON HAZARDOUS

SIN No: NON HAZARDOUS

COMPOSITION:
Hazardous Components: NONE

EEC Classification: N/A

R Phrases: R20, R36, R38, R35

HAZARDS IDENTIFICATION:
Main Hazard: NONE

Flammability: NON-FLAMMABLE

Chemical Hazard: NONE

Biological Hazard: NONE

Reproductive Hazard: NONE

Eye Effects: Eyes - MILD IRRITATION
Health Effects:  
**Skin** - NONE

Health Effects:  
**Ingestion** - MILD IRRITATION

Health Effects:  
**Inhalation** - NONE

Carcinogenicity:  
NONE

Mutagenicity:  
NONE

Neurotoxicity:  
NONE

**MATERIAL SAFETY DATA SHEET (Cont’d)**

**Product:** Q4-45 Hand Cleaner with Grit

**Pages:** 3 of 7

---

**FIRST AID MEASURES:**

Product in Eye:  
FLUSH THOROUGHLY WITH WATER. CONSULT A PHYSICIAN

Product on Skin:  
NONE

Product Ingested:  
RINSE MOUTH – GIVE WATER TO DRINK.

Product Inhaled:  
NONE

**FIRE-FIGHTING MEASURES:**

Extinguishing Media:  
NONE

Special Hazards:  
NONE

Protective Clothing:  
NONE

**ACCIDENTAL RELEASE MEASURES:**

Personal Precautions:  
NONE

Environmental Precautions:  
NONE

Small Spills:  
FLUSH WITH WATER

Large Spills:  
DISPOSE OFF WITH WATER

**HANDLING & STORAGE:**

Storage:  
PVC CONTAINERS

Handling / Storage Precautions:  
STORE IN COOL DRY PLACE

**EXPOSURE CONTROLS / PERSONAL PROTECTION:**
Occupational Exposure Limits: NONE

Engineering Control Measures: NONE

Personal Protection: Respiratory - NONE

Personal Protection: Hand - NONE

Personal Protection: Eye - FLUSH THOROUGHLY WITH WATER. CONSULT A PHYSICIAN

Personal Protection: Skin - NONE

Other Protection: NONE

**MATERIAL SAFETY DATA SHEET** (Cont’d)

Product: Q4-45 Hand Cleaner with Grit

Pages: 4 of 7

---

**PHYSICAL & CHEMICAL PROPERTIES:**

Appearance: BLUE

Odour: PINE

pH: 6 ~ 8

Boiling Point: > 100º C

Melting Point: 50 ~ 60º C

Flash Point: NONE

Flammability: NON-FLAMMABLE

Autoflammability: -

Explosive Properties: NONE

Oxidising Properties: -

Vapour Pressure: -

Density: 1.02

Solubility: Water - HIGHLY SOLUBLE

Solubility: Solvent - -

Solubility: Coefficient - -

**STABILITY & REACTIVITY:**
Conditions to Avoid: NONE
Incompatible Materials: NONE
Hazardous Decomposition Products: NONE

MATERIAL SAFETY DATA SHEET (Cont’d)
Product: Q4-45 Hand Cleaner with Grit
Pages: 5 of 7

TOXICOLOGICAL INFORMATION:
Acute Toxicity: NONE
Chronic Toxicity: NONE
Carcinogenicity: NONE
Mutagenicity: NONE
Neurotoxicity: NONE
Reproductive Hazards: NONE
Skin: NONE
Eye Contact: SLIGHT IRRITATION

ECOLOGICAL INFORMATION:
Aquatic Toxicity: Fish -
Aquatic Toxicity: Daphina -
Aquatic Toxicity: Algae -
Biodegradability: BIO-DEGRADABLE
Bio-Accumulation: WILL NOT OCCUR
Mobility: HIGHLY SOLUBLE IN WATER

DISPOSAL CONSIDERATIONS:
Disposal Methods: FLUSH DOWN SEWER
Disposal of Packaging: CONTAINER SHOULD BE CLEANED AND RECYCLED.

**MATERIAL SAFETY DATA SHEET** (Cont’d)

**Product:** Q4-45 Hand Cleaner with Grit
**Pages:** 6 of 7

<table>
<thead>
<tr>
<th><strong>TRANSPORT INFORMATION:</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Substance Identity No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>ADR / RID Class:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>ADR RID Item No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>ADR / RID Hazard Identity No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>IMDG:</td>
<td></td>
</tr>
<tr>
<td>Shipping Name:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Class:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Packaging Group:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Marine Pollutant:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>EMS No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>MFAG Table No.:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>IATA:</td>
<td></td>
</tr>
<tr>
<td>Shipping Name:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Class:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>Subsidiary Risk(s):</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>ADNR:</td>
<td></td>
</tr>
<tr>
<td>Class:</td>
<td>NON HAZARDOUS</td>
</tr>
<tr>
<td>UK:</td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>NON HAZARDOUS</td>
</tr>
</tbody>
</table>
UK: Emergency Action Class - NON HAZARDOUS

UK: Classification: - NON HAZARDOUS

Tremcard No.: - NON HAZARDOUS

MATERIAL SAFETY DATA SHEET (Cont’d)
Product: Q4-45 Hand Cleaner with Grit
Pages: 7 of 7

REGULATORY INFORMATION:
EEC Hazard Classification: -

Risk Phrases: -

Safety Phrases: -

National Legislation: -

The recommendations made herein are based on laboratory tests and in-field use experience and are to the best of our knowledge accurate. Since conditions of actual use are beyond our control, all recommendations are made without warranty, expressed or implied.