

Safety Data Sheet



According to Regulation(EC) No. 453/2010

SDS1204280003

Issue data : 01-01-2019

Version:1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------------------------|---------------------------------------|
| Trade name: | Natural Rubber Reclaim |
| Proper shipping name: | No data available |
| Other means of identification: | GRADE: GRP NRT30R (Milin code T-1010) |

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Production of Articles in Rubber.

1.2.2. Uses advised against

Advice against other uses

1.3. Details of the supplier of the safety data sheet

| | |
|------------|---|
| Supplier: | GRP Ltd.- Formerly known as Gujarat Reclaim & Rubber Products Ltd. |
| Address: | 510, A Wing, Kohinoor City Commercial – I Kirod Road, Off: L.B.S Marg, Kurla (W), Mumbai – 400070. |
| Telephone: | +91 2267082500 |
| Fax: | +91 2267082599 |
| E-mail: | sunil.dolia@grpweb.com / raju.modi@grpweb.com |

| | |
|----------------------------------|--|
| Only Representative (OR) Details | REACH ONLY REPRESENTATIVE GmbH |
| Contact Person | Wilhelm Pflieger |
| Address: | Paul Gerhardt-Str.1, D-52702 Aachen, Germany. |
| Telephone: | +49 711 27311-170 |
| E-mail: | wilhelm.pflieger@intertek.com |

| | |
|------------|--|
| Importer: | Milin Environmental Inc. |
| Address: | 138 First Ave West |
| Telephone: | (519) 426-0110 EMERGENCY TEL #: (519) 755-4904 |
| Fax: | (519) 426-0230 |
| Email: | pmitchell@milincorp.com |

1.4. Emergency telephone number

| Country | Advisory body | Address | Emergency number |
|------------------|---------------------------------------|--|------------------|
| All EU Countries | European Emergency Number Association | Avenue de la Toison d'Or, 79 1060 Brussels, Belgium | 112 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Other adverse physicochemical, human health and environmental effects

No reliable data available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Not applicable.

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2.3. Other hazards

No reliable data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | CAS No. | EC No. | Index No. | REACH No. | % wt/wt | Classification according to CLP | Classification according to DSD |
|--|------------|-----------|--------------|---|---------|---|---------------------------------|
| Natural Rubber | 9006-04-6 | -- | -- | Exempted due to agricultural product | 40 | -- | -- |
| Carbon black | 1333-86-4 | 215-609-9 | - | 01-2119384822-32-0052 | 20 | Not classified | Not classified |
| Hydrated Aluminum Silicate (Kaolin) | 1332-58-7 | 310-194-1 | - | Exempted from Registration due to its presence in Annex V | 13.5 | Not classified | Not classified |
| Residual Oils (petroleum, Solvent refine | 64742-01-4 | 265-101-6 | - | 17-2119921905-35-0000 | 1 | Not classified | Not classified |
| Lubricating oils (Petroleum) C20-50, hydrogenated neutral oil based high viscosity | 72623-85-9 | 276-736-3 | - | 17-2119921918-28-0000 | 1 | Not classified (as IP 346 < 3%; > 20.5 mm ² /s @ 40°C) | Not classified |
| Calcium carbonate | 471-34-1 | 207-439-9 | - | Impurity < 20% | 13 | Not classified | Not classified |
| Sulfur | 7704-34-9 | 231-722-6 | 016-094-00-1 | 05-2117230831-52-0000 | 0.5 | Skin Irritation category 2;H315 | Xi; R38 |
| Zinc oxide | 1314-13-2 | 215-222-5 | 030-013-00-7 | Impurity < 20% | 1 | Aquatic Acute 1;H400 Aquatic Chronic 1;H410 | N; R50-53 |

- 10 % oil is impurity category which is lying in raw material.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

Advice for the doctor: Symptomatic treatment.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No reliable data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

- Foam.
- Dry chemical powder.
- Carbon dioxide.
- BCF(Where regulations permit)

5.2. Special hazards arising from the substance or mixture

Fire/explosion hazard: Emits toxic fumes under fire conditions.

Main combustion gas: carbon monoxide, carbon dioxide gases and oxides of sulfur.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

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Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water courses.
Use water delivered as a fine spray to control fire and cool adjacent area.
DO NOT approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear suitable protective equipment.

6.1.2. For emergency responders

Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the spilled solid in suitable container for recovery or disposal, avoid raising dust.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the MSDS

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid ingestion, inhalation, skin and eye contact. Minimize dust generation and accumulation. Handle in accordance with good industrial hygiene practice and any legal requirements.

7.2. Conditions for safe storage, including any incompatibilities

Suitable container: Packing as supplied by manufacturer, lined metal drum. Lined metal safety cans.

Storage incompatibility: Avoid reaction with oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

At this time no TLV has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). Airborne concentrations must be maintained as low as is practically possible and occupational exposure must be kept to a minimum.

| | |
|-----------|--------------|
| Substance | Carbon black |
| CAS No. | 1333-86-4 |

| | Limit value - Eight hours | Limit value - Short term |
|--|---------------------------|--------------------------|
|--|---------------------------|--------------------------|

| | ppm | mg/m ³ | ppm | mg/m ³ |
|------------------|-----|-------------------|-----|-------------------|
| Australia | | 3 | | |
| Austria | | | | |
| Belgium | | 3,5 | | |
| Canada - Ontario | | 3,5 | | |
| Canada - Québec | | 3,5 | | |
| Denmark | | 3,5 | | 7,0 |
| European Union | | | | |
| France | | 3,5 | | |
| New Zealand | | 3 | | |
| Singapore | | 3,5 | | |
| Spain | | 3,5 | | |
| Sweden | | 3 | | |

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| | | |
|----------------|---------|---|
| USA - NIOSH | 3,5 (1) | |
| USA - OSHA | 3,5 | |
| United Kingdom | 3,5 | 7 |

| | |
|-----------|-----------|
| Substance | Kaolin |
| CAS No. | 1332-58-7 |

| | | |
|--|---------------------------|--------------------------|
| | Limit value - Eight hours | Limit value - Short term |
|--|---------------------------|--------------------------|

| | ppm | mg/m ³ | ppm | mg/m ³ |
|------------------|-----|-----------------------|-----|----------------------|
| Australia | | 10 (1) | | |
| Austria | | | | |
| Belgium | | 2 | | |
| Canada - Ontario | | 2 (1,2) | | |
| Canada - Québec | | 5 | | |
| Denmark | | 2 respirable aerosol | | 4 respirable aerosol |
| European Union | | | | |
| France | | 10 respirable aerosol | | |
| New Zealand | | 10 (1) | | |
| | | 2 (2) | | |
| Singapore | | 2 respirable aerosol | | |
| Switzerland | | 3 respirable aerosol | | |
| The Netherlands | | | | |
| USA - NIOSH | | 10 total dust | | |
| | | 5 respirable fraction | | |
| USA - OSHA | | 15 total dust | | |
| | | 5 respirable dust | | |
| United Kingdom | | 2 respirable aerosol | | |

8.2. Exposure controls

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

General Personal Protection: Safety goggles or face shield, protective chemical resistant gloves, protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------|-------------------|
| Physical state: | Solid |
| Colour: | Black |
| Odour: | No data available |
| Oduour threshold | No data available |
| pH: | Not applicable |
| Melting point: | Not applicable |
| Boiling point: | No data available |
| Flash point: | 180°C |
| Evapotation rate: | Not applicable |
| Flammability: | No data available |
| Explosive limits: | No data available |
| Vapour pressure: | Not applicable |
| Relative density: | No data available |

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| | |
|---|-------------------|
| Solubility(ies): | Insoluble |
| Partition coefficient: n-octanol/water: | No data available |
| Auto/self-ignition temperature: | 305°C |
| Viscosity: | No data available |
| Explosive properties: | No data available |
| Oxidising properties: | No data available |

9.2. Other information

No additional data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 7.2

10.2. Chemical stability

Stable: Up to 100°C.

10.3. Possibility of hazardous reactions

See section 7.2

10.4. Conditions to avoid

Fire, Heat; Strong acid, alkali and oxidizing agents.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Thermal decomposition products: Flammable Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---|-------------------|
| Acute toxicity: | No data available |
| Skin corrosion/irritation: | No data available |
| Serious eye damage/irritation: | No data available |
| Respiratory or skin sensitisation: | No data available |
| Germ cell mutagenicity: | No data available |
| Carcinogenicity: | No data available |
| Reproductive toxicity: | No data available |
| Specific target organ toxicity (single exposure): | No data available |
| Specific target organ toxicity (repeated exposure): | No data available |
| Aspiration hazard: | No data available |

SECTION 12: Ecological information

12.1. Toxicity

Acute (short-term) toxicity:

No data available

Chronic (long-term) toxicity:

No data available

Other organisms: No data available

12.2. Persistence and degradability

Abiotic Degradation: No data available

Physical- and photo-chemical elimination: No data available

Biodegradation: No data available

12.3. Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow): No data available

Bioconcentration factor No data available

12.4. Mobility in soil

Known or predicted distribution to environmental compartments: No data available

Surface tension: No data available

Adsorption/Desorption: No data available

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12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: Observe specific national regulation.

Contaminated packaging: Contaminated, empty containers must be disposed of as applicable.

SECTION 14: Transport information

Land transport (ADR / RID / GGVSE)

| | | | |
|---------------------------------|-------------------|------------------------------------|-------------------|
| 14.1 UN number | No data available | 14.4 Packing group | No data available |
| 14.2 UN proper shipping name | No data available | 14.5 Environmental hazard | No relevant data |
| 14.3 Transport hazard class(es) | No data available | 14.6. Special precautions for user | No data available |

Air transport (ICAO-IATA / DGR)

| | | | |
|---------------------------------|-------------------|------------------------------|-------------------|
| 14.1 UN number | No data available | 14.4 Packing group | No data available |
| 14.2 UN proper shipping name | No data available | 14.5 Environmental hazard | No relevant data |
| 14.3 Transport hazard class(es) | No data available | 14.6 Special precautions for | No data available |

Sea transport (IMDG-Code / GGVSee)

| | | | |
|---------------------------------|-------------------|-----------------------------------|-------------------|
| 14.1 UN number | No data available | 14.4 Packing group | No data available |
| 14.2 UN proper shipping name | No data available | 14.5 Environmental hazard | No data available |
| 14.3 Transport hazard class(es) | No data available | 14.6 Special precautions for user | No data available |

Inland waterways transport (ADNR/River Rhine)

| | | | |
|---------------------------------|-------------------|-----------------------------------|-------------------|
| 14.1 UN number | No data available | 14.4 Packing group | No data available |
| 14.2 UN proper shipping name | No data available | 14.5 Environmental hazard | No data available |
| 14.3 Transport hazard class(es) | No data available | 14.6 Special precautions for user | No data available |

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No. 453/2010; Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/National regulations

No data available.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance by the supplier.

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SECTION 16: Other information

16.1 Indication of changes

No data available

16.2 Key literature references and sources for data

ESIS (European chemical Substances Information System), <http://esis.jrc.ec.europa.eu/>

- REACH registered chemicals, http://echa.europa.eu/chem_data_en.asp

- IFA GESTIS - International limit values for chemical agents - occupational exposure limits (OELs), http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.