

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

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

1.1 Product identifier

Product form	Grease mixture
Product name	Ramonol Advanced
Product code	68285
Product group	Lubricants, greases and related products

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

Application area	Multi-purpose lubricating grease
Uses advised against	Uses other than those recommended.

1.3 Details of the supplier of the safety datasheet

Company address: Gruebb Ltd
11 Portland Street
Southampton SO14 7EB
United Kingdom

Telephone : + 44 (0)2380 089084
Fax : + 44 (0)2380 335784
E-mail : technical@gruebb.com
Website : www.gruebb.com

1.4 Emergency Telephone number

Emergency number + 44 (0)2380 089084 office hours
+ 41 (0)79 343 7534 outside office hours

Section 2 : Hazards Identification

2.1 General

The product does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008 or Directive 1999/45/EC. Safety data sheet available for professional user on request.

2.2 Label Elements

EUH statements : EUH 210 Safety datasheet available on request.

2.3 Other Hazards

In normal use and in it's original form, the product does not involve risks for health and the environment.

Section 3 : Composition / Information on Ingredients

3.1 Substances

Not applicable

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

3.2 Mixtures

This mixture does not contain substances that pose a danger to health or the environment in accordance with the Hazardous Substance Directive 67/548/EEC or Regulation (EC) No 1272/2008, are not assigned a Community exposure limit in the workplace and are not classified as PBT/vPvB or included in the Candidate list.

Section 4 : First Aid Measures

4.1 Description of first aid measures

Inhalation	Remove person to the fresh air and rest.
Skin Contact	Wash with soap and water.
Eye Contact	Rinse with water. Consult a doctor if symptoms persist.
Ingestion	Do not induce vomiting. Seek medical attention if strong cough or vomiting occurs or if large quantity consumed.

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

No known acute or delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Section 5 : Fire Fighting Measures

5.1 Extinguishing media

Extinguishing Media	Fire may be extinguished using powder, foam or carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	Do not use a direct water jet.

5.2 Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is not flammable. In the event of fire, irritating smoke is produced.
-----------------------------------	---

5.3 Advice for firefighters

Protective Equipment for fire-fighters	Avoid breathing fire vapours. Use air respirator if substance is involved in a fire.
---	--

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

Section 6 : Accidental Release Measures

6.1 Personal precautions, preventive equipment and emergency procedures.

Personal Safety Precautions	Risk of slipping due to spillage.
------------------------------------	-----------------------------------

6.2 Environmental precautions.

Environmental Precautions	Prevent entry into sewers or water courses or immediate environment.
----------------------------------	--

6.3 Method and materials for containment and cleaning up.

Clean Up Procedure and methods of containment	Smaller quantities of residue may be collected by absorbent. Major spillage should be banked with sand, earth or similar material and collected into suitable enclosed containers for incineration.
--	---

Section 7 : Handling and Storage

7.1 Precaution for safe handling

Precautions on Safe Handling	Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid contact eyes.
-------------------------------------	--

7.2 Conditions for the safe storage, including and incompatibles

Requirements for Storage Areas and Containers	Keep only in original container at a temperature not exceeding 50°C. Keep container tightly closed and dry.
--	---

7.3 Specific end use(s)

Industrial and professional use.

Section 8 : Exposure Controls / Personal Protection

8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls

Measure of a technical nature :-

Provide adequate ventilation, which can be achieved by using good local exhaust ventilation and a good general exhaust system.

Respiratory Protection	A respirator should be worn if there is any risk of inhaling spray or vapour
-------------------------------	--

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

Hand Protection	For prolonged or repeated skin contact, use suitable protective gloves.
Eye Protection	No special precautions required.
Exposure control	Oil mist is not formed under normal handling or use.

Protective clothing

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Ingredient name	Cas No	Range	ppm	mg/m3	Year	Notification
Oil mist		8 h		5	1990	
R = Toxic for reproduction, H = Skin absorption, K = Carcinogenic, A = Sensitizing, T = Upper limit, M = Mutagenic						

Section 9 : Physical and Chemical Properties

9.1 Information on the basic physical and chemical properties

Appearance	: White grease
Colour	: White
Odour	: Mild odor
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >200 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

Relative density	: No data available
Density	: > 1.00 kg/m ³ at 15 °C
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available

9.2 Other information

Not applicable

Section 10 : Stability and Reactivity

10.1 Reactivity

The product does not present a hazard by it's reactivity.

10.2 Chemical stability

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present the possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid improper handling.

10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products

No decomposition if used for intended purposes.

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

Section 11 : Toxicological Information

11.1 Information of toxicological effects

Inhalation

Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.

Skin Contact

May be irritating on protracted or repeated exposure.

Eye Contact

May cause irritation / swelling.

Ingestion

May cause discomfort.

Section 12 : Ecological Information

12.1 Toxicity

Ecotoxicity

Not regarded as dangerous for the environment. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

12.2 Persistence and degradability

No information is available about persistence and degradability of the product.

12.3, Bioaccumulative potential

No information is available.

12.4 Mobility in soil

No information available. The product must not be allowed to go into the sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects

Not readily biodegradable.

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

Section 13 : Disposal Considerations

13.1 Waste treatment methods

General regulations

Used product and remains that can not be re-used are treated as dangerous waste. Dispose of in accordance with Local Authority requirements. Send empty and properly cleaned packaging to a certified recycler.

Category of waste

EWC 13 08 99 (oil waste not otherwise specified).

Section 14 : Transport Information

14.1 UN number

Transportation is not dangerous.

14.2 UN proper shipping name

Transportation is not dangerous.

14.3 Transport hazard classes

Transportation is not dangerous.

14.4 Packing group

Transportation is not dangerous.

14.5 Environmental hazards

Transportation is not dangerous.

14.6 Special precautions for user

Transportation is not dangerous.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Transportation is not dangerous.

Section 15 : Regulatory Information

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16th September 2009 on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

SAFETY DATA SHEET

Ramonol Advanced

Last changed 31.07.2015

Replaces date : 10.01.2013

15.2 Chemical safety assessment

There has been no evaluation on the product.

Section 16 : Other Information

16.1 Other phrases

Safety datasheet available on request.

The information in this Safety Datasheet has been drafted in accordance with the COMMISSION REGULATION (EU) NO 453/2010 of May 2010 amending regulation (EU) No 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemical (REACH), establishing a European Chemicals Agency, amending Directive 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/eec, 93/105/EC and 2000/21/EC.

Assessed on the basis of available data and knowledge about components and similar products.

Liabilities All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply. Please see our website for details.