

PRODUCT NAME : GREASE - ASONIC GHY72

1. Product and Company Identification

Product Name: Asonic GHY72 Grease
Synonyms: None
Item Numbers : Does not have a BOC Edwards part number-referred to by the product name

European Contact Details

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2. Composition/Information on Ingredients

Ingredient	% Weight	CAS No	Hazard class*	Risk phrase*
Ester oil, polyurea	100 (% of each ingredient not specified)	Not allocated	Not applicable	Not applicable

*Hazard class & Risk phrase. These columns are only completed for ingredients which are classified as hazardous under EU Directive (67/548/EEC, as amended) and are present in sufficient concentration to make the overall substance hazardous. In all other situations, the column will be completed as "Not applicable".

3. Hazards Identification

EMERGENCY OVERVIEW

According to experience, the product is considered to be harmless to health and the environment if handled in the correct manner

For short and long term exposure effects see Section 11 Toxicological data

Eye Effects: No known hazards.
Skin Effects: Prolonged skin contact may cause skin irritation and/ dermatitis.
Ingestion/Oral Effects: No known hazards.
Inhalation Effects: Low volatility makes inhalation unlikely
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May aggravate pre-existing skin conditions.

PRODUCT NAME : GREASE - ASONIC GHY72

NFPA Hazard codes		HMIS Hazard codes		Rating System
Health	0	Health	0	0 = No Hazard
Flammability	1	Flammability	1	1 = Slight hazard
Instability	0	Reactivity	0	2 = Moderate Hazard
				3 = Serious Hazard
				4 = Severe hazard

4. First Aid Measures

- Eyes:** Rinse with water. Treat symptomatically.
- Skin:** Wash off with soap and plenty of water. Treat symptomatically.
- Ingestion/Oral:** Do not induce vomiting. Obtain medical attention.
- Inhalation:** Not expected. If high concentrations of mists or fumes are inhaled, remove to fresh air. If breathing problems occur, a qualified individual should administer oxygen or artificial respiration as indicated. Seek immediate medical attention.
- Other Information:** None

5. Fire Fighting Measures

- Extinguishing Media:** Water spray, foam, dry powder and carbon dioxide. DO NOT use high volume water jet
- Fire and Explosion Hazard:** In case of fire the following can be released : carbon monoxide, hydrocarbons. Direct water stream may cause violent frothing.
- Special Protective Equipment for Fire Fighters:** Fire fighters should wear a self-contained breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode and full turn out gear.
- For Flammability Properties - see Section 9

6. Accidental Release Measures

No personal protective equipment is required when dealing with a spill. For clean up, use mechanical handling equipment and dispose of collected material in accordance with local regulations. DO NOT flush into surface water or sewer system.

7. Handling and Storage

No special handling advice required. No special precautions required against fire and explosion. No special storage conditions required. Avoid oxidising agents. DO NOT store together with food. Store in original container at room temperature.

PRODUCT NAME : GREASE - ASONIC GHY72

8. Exposure Controls/Personal Protection

Exposure Limits

Ingredient	ACGIH - TLV -	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
None	Not applicable	Not applicable	Not applicable

Personal Protection:

Engineering Measures: No special measures required.
Respiratory Protection: No special protective equipment required.
Hand/Skin Protection: No special protective equipment required.
Eye/Face Protection: No special protective equipment required.
Hygiene Measures: Wash hands after use, apply skin cream.
Other/General Protection: None

9. Physical and Chemical Properties

Appearance and Odour	Beige paste with a characteristic odour	Boiling Point	No data available	°C/°F
pH (as supplied)	No data available	Freezing Point	No data available	°C/°F
Solubility in Water	Not Soluble	Auto Ignition	No data available	°C/°F
Volatile Content by Volume	No data available	Flash Point	>200/392	°C/°F
Specific Gravity	0.96			
Vapour Pressure (mbar)	10 ⁻⁸ @ 25°C	Vapour Pressure (Torr)	10 ⁻⁸ @ 77°F	

10. Stability and Reactivity

Stability: Stable
Material/Conditions to Avoid: Avoid strong oxidising agents.
Hazardous Decomposition: None in normal use.

11. Toxicological Information

For a comprehensive description for the various toxicological (health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 3 Hazards Identification.

PRODUCT NAME : GREASE - ASONIC GHY72

Animal Data:

LD50 value: Oral (rat)->2g/kg
LC50 value: No data available.

Carcinogenicity:

No information available.

12. Ecological Information

There are no known incidents of ecological damage, nor would be this be expected in normal use. Aquatic toxicity is unlikely due to low solubility.

13. Disposal Considerations

Can be incinerated when in compliance with local, state and federal regulations. Offer rinsed packaging material to local recycling facilities.

14. Transport Information

This product is not regulated as dangerous under transport regulations

PARAMETER	EUROPEAN	CANADIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Hazard Class	Not applicable	Not applicable	Not applicable
Identification Number	Not applicable	Not applicable	Not applicable
Shipping Label	Not applicable	Not applicable	Not applicable

15. Regulatory Information

European Regulatory Information

This product has been classified in accordance with the Dangerous Substances Directive (67/548/EEC, as amended) and the Preparations Directive (88/379/EEC, as amended), implemented in the UK as the Chemical (Hazard Information and Packing) Regulations 1994 (CHIP, as amended).

Classified as dangerous to supply : No

Risk Phrases : Not applicable

Safety Phrases : Not applicable

Symbols : None

PRODUCT NAME : GREASE - ASONIC GHY72

United States Regulatory Information

All materials contained in this product are on the U.S. Toxic Substances Control Act (TSCA).

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

Canadian Regulatory Information

WHMIS Classification: D2B

All ingredients contained in this product are included in the Canadian DSL.

16. Other Information

This MSDS is compiled in accordance with ANSI Z400.1 and the EU Safety Data Sheet Directive 91/155/EEC.

Sources of information for this data sheet:

- Kluber Lubrication Safety Data Sheet for Asonic GHY72. Date : 15 May, 1997.
- Correspondence with Kluber Lubrication (on file)

Glossary : **CAS**, Chemical Abstracts Service; **NFPA**, National Fire Protection Association; **HMIS**, Hazardous Material Information Service; **LD**, Lethal Dose; **LC**, Lethal Concentration; **ACGIH**, American Conference of Governmental Industrial Hygienists; **TLV**, threshold limit value; **OSHA**, Occupational Safety and Health Administration, US department of Labour; **PEL**, Permissible exposure limit; **EH40 (UK)**, HSE Guidance Note EH40 Occupational exposure limits; **PPM**, parts per million; **TWA**, Time-Weighted Average; **STEL**, Short Term Exposure Limit; **Canadian TDG**, Canadian Transportation of Dangerous Goods; **US DOT**, US Department of Transportation.

HSDB, Hazardous Substances Data Bank; **RTECS**, Registry of Toxic Effects of Chemical Substances; **CHEMID**, Chemical Identification; **DSL**, Domestic Substances List ; **TSCA**, Toxic Substances Control Act Public Law 94-469; **CERCLA**, Comprehensive Environmental Response, Compensation and Liability Act; **EPCRA**, Emergency Planning and Community Right-to-Know Act; **CAA**, Clean Air Act; US, **SARA (Title III)**, Superfund Amendments and Reauthorization Act.; **SARA 313**, Superfund Amendments and Reauthorization Act, Section 313; **EHS**, Extremely Hazardous Substance; **WHMIS**, Workplace Hazardous Materials Information System.

Revisions

Although the information and recommendations in this data sheet are to the best of our knowledge correct, it is recommended that you make your own determination of the material's suitability for your purpose before you use it. The information contained in this data sheet has been reproduced from the manufacturers data, the accuracy of this information is the responsibility of the manufacturer. BOC Edwards accept no responsibility for damage of any nature resulting from the use of, or the reliance upon this data sheet.