

EC Safety Data SheetATLAS COPCO Hydraulic breaker
tool

Date of issue / Reference

21.08.95 pd

Replaces version of

Date of printing

21.08.95

Sheet no. 232

Page 1 of 4

Company

BUCHER + CIE AG, Schmiertechnik, CH-4900 Langenthal
Telefon 063 22 75 75 - Telefax 063 22 74 29**1 Commercial product name and supplier**1.1 Commercial product name /
designation**ATLAS COPCO Hydraulic breaker tool
shank grease**

1.2 Application / use

Lubricating grease

1.3 Producer

BUCHER + CIE AG, Schmiertechnik, CH-4900 Langenthal
Telephone 063 22 75 75 - Telefax 063 22 74 29

1.4 Supplier

BUCHER + CIE AG, Schmiertechnik, CH-4900 Langenthal
Telephone 063 22 75 75 - Telefax 063 22 74 29

1.5 TOX emergency number

01 / 251 51 51 (Toxicological Information Centre, CH-Zürich)

1.6 Product No.

2 Composition

2.1 Chemical characterisation

Mineral oil (CAS# 8042-47-5)
Aluminium complex soap
Additives

2.2 Hazardous components

Does not contain any dangerous substances according to the
criteria of the EC (Council Directive 88/379/EEC).

2.3 Further information

3 Hazards identification-
No known hazard.**4 First aid measures**

4.1 Eye contact

Flush with plenty of water.

4.2 Skin contact

Remove residues with soap and water.

4.3 Ingestion

Do not induce vomiting.
Do not take in resorption stimulating agents.
Consult physician.

4.4 Inhalation

4.5 Further information

5 Fire-fighting measures

5.1 Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemicals.

5.2 Extinguishing media to avoid

DO NOT USE WATER JET.

5.3 Further information

None.

EC Safety Data SheetATLAS COPCO Hydraulic breaker
tool

Date of issue / Reference

21.08.95 pd

Replaces version of

Date of printing

21.08.95

Sheet no. 232

Page 2 of 4

6 Accidental release measures Spills should be contained by, and covered with suitable absorbent material and removed for disposal.
Do not allow to flow off into the drains or waters.

7 Handling and storage

7.1 Handling No specific requirements.
7.2 Industrial hygiene Follow safety precautions for handling of mineral oils.
7.3 Storage Follow regulations for storage of water hazarding products.
7.4 Place of storage
7.5 Fire- and explosion protection No specific requirements.

8 Exposure controls / personal protection

8.1 Technical equipment No specific requirements.
8.2 Control of treshold limits
8.3 Personal protective equipment
8.3.1 Respiratory protection Not required.
8.3.2 Hand protection Not required.
8.3.3 Eye protection Not required.
8.3.4 Other

9 Physical and chemical properties

9.1 Appearance paste
9.2 Color bronze
9.3 Odour characteristic
9.4 Change in physical state
Dropping point >230 °C (1013 mbar) Test method:
9.5 Density 1.10 g/cm³ (20°C) DIN 51 757
9.6 Vapour pressure
9.7 Viscosity NLGI 2 DIN 51618
9.8 Solubility in water insoluble
9.9 pH-value not applicable
9.10 Flash point >200
9.11 Ignition temperature
9.12 Explosion limits Lower: vol.%
Upper: vol.%
not explosive
9.13 Further information

EC Safety Data Sheet

ATLAS COPCO Hydraulic breaker tool



Date of issue / Reference

21.08.95 pd

Replaces version of

Date of printing

21.08.95 Sheet no. 232

Page 3 of 4

10 Stability and reactivity

- 10.1 Thermal decomposition: Is stable under normal storage conditions.
- 10.2 Hazardous decomposition products: None under normal conditions of storage and use.
- 10.3 Hazardous reactions: No hazards known.
- 10.4 Further information

11 Toxicological information

- 11.1 Acute toxicity: The estimated oral LD50 for rats is >2000 mg/kg. No adverse effects anticipated by this route of exposure incidental to proper handling.
- 11.2 Subacute / chronic toxicity
- 11.3 Further information: None.

12 Ecological information

German Wassergefährdungs Klasse (WGK): 2

13 Disposal considerations

Comply with local and national regulations.

- 13.1 EC waste key: 54202 Grease waste
- 13.2 Swiss waste code: 1740 Soaps, fatty substances, lubricants or film former of vegetable or animal origin
- 13.3 Origin

14 Transport information

- 14.1 Transport at land:

GGVE / GGVS	Class	Cipher	
RID / ADR	Class	Cipher	
UN-No.		Kemler No.	

 - Warning label
 - Packing group
 - Overland statement
- 14.2 Transport at sea: GGVSee

Class	Cipher	
ADNR	Cipher	Cat.
UN-No.		

 - IMDG-code page
 - EMS
 - MFAG
 - Sea transport statement
- 14.3 Air transport: ICAO / IATA-GDR

UN-No.			
PSN			

 - Subsidiary risk
 - Labels
 - Packing group
 - Passenger aircraft: Packing instruction max.
 - Cargo aircraft only: Packing instruction max.

Crowder Supply Co., Inc. • 8495 Roslyn St., Commerce City, CO 80022 • Toll Free: 888-883-5144 • www.CrowderSupply.com

EC Safety Data Sheet

ATLAS COPCO Hydraulic breaker tool



Date of issue / Reference

21.08.95 pd

Replaces version of

Date of printing

21.08.95 Sheet no. 232

Page 4 of 4

14.4 Further information Product is not classified for any mode of transportation.

15 Regulatory information This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 UN-No.

15.2 Swiss regulations

BAG T No.

Swiss toxicity class

Non-toxic

15.3 EC-No.

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification

F4 s Y2

15.10 VbF

Not classified.

15.11 Further information

16 Other information No other information.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

Alle vorstehenden Angaben entsprechen dem heutigen Stand unserer Kenntnisse und Erfahrungen. Das Sicherheitsdatenblatt dient der Beschreibung der Produkte im Hinblick auf Sicherheitserfordernisse. Die Angaben haben nicht die Bedeutung von Eigenschaftszusicherungen.

The safety data sheet has been generated with the safety database "ChemManager", © ABBST, Barmenstrasse 21, D-4102 Silingen

91/155/EEC

BUCHER + CIE AG LANGENTHAL

A. K. [Signature] 11.12.95