

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS Reference Number: 04594

Issue date: 4/9/2014 Revision date: 9/4/2024 Supersedes version of: 4/9/2015 Version: 1.0

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

#### 1.1. Product identifier

Product form : Substance

Trade name : MERCURY METAL EXTRA PURE

 EC Index-No.
 : 080-001-00-0

 EC-No.
 : 231-106-7

 CAS-No.
 : 7439-97-6

 Product code
 : 04594

 Type of product
 : Metals

 Formula
 : Hg

 Chemical structure
 :

Hg

Synonyms : Hydrargyrum, Quicksilver

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

#### Relevant identified uses

Use of the substance/mixture : Laboratory chemicals, Manufacture of substances

#### 1.3. Details of the supplier of the safety data sheet

LOBA CHEMIE PVT.LTD.

107 Wode House Road, Jehangir Villa, Colaba

400005 Mumbai

INDIA

T +91 22 6663 6663, F +91 22 6663 6699

info@lobachemie.com, www.lobachemie.com

## 1.4. Emergency telephone number

Emergency number : + 91 22 6663 6663 (9:00am - 6:00 pm)

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Acute toxicity (inhalation:dust,mist) Category 2 H330
Reproductive toxicity, Category 1B H360D
Specific target organ toxicity – Repeated exposure, Category 1 H372
Hazardous to the aquatic environment – Acute Hazard, H400

Category 1

Hazardous to the aquatic environment – Chronic Hazard, H410

Category 1

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Fatal if inhaled. Very toxic to aquatic life with long lasting effects.

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 2.2. Label elements

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

Hazard pictograms (CLP)







GHS06

GHS08

GHS09

Signal word (CLP)

Hazard statements (CLP)

: Danger

: H330 - Fatal if inhaled.

H360D - May damage the unborn child.

H372 - Causes damage to organs through prolonged or repeated exposure.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, respiratory protection, protective clothing.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 - Get medical advice/attention if you feel unwell.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## **SECTION 3: Composition/information on ingredients**

## 3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%
	CAS-No.: 7439-97-6 EC-No.: 231-106-7 EC Index-No.: 080-001-00-0	100

## **SECTION 4: First aid measures**

First-aid measures after eye contact

First-aid measures after ingestion

First-aid measures for first aider

## 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial

respiration if necessary. If you feel unwell, seek medical advice. Call a physician

immediately. Call a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.

: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with

water for several minutes. If eye irritation persists: Get medical advice/attention.

: Rinse mouth out with water. If you feel unwell, seek medical advice. Call a poison center or

a doctor if you feel unwell.: First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects : May damage the unborn child. Causes damage to organs through prolonged or repeated exposure.

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : Fatal in contact with skin.

Symptoms/effects after eye contact : None under normal conditions.

9/4/2024 (Revision date) EN (English) 2/12

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Symptoms/effects after ingestion : None under normal conditions.

Chronic symptoms : May damage fertility or the unborn child.

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry

powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

## 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate unnecessary personnel. Only qualified personnel equipped with suitable

protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

**Emergency procedures** 

Protective equipment : Do not attempt to take action without suitable protective equipment. Use personal protective

equipment as required. For further information refer to section 8: "Exposure

controls/personal protection".

: Stop release. Evacuate unnecessary personnel. Stop leak if safe to do so.

## 6.2. Environmental precautions

Avoid release to the environment. Very toxic to aquatic life with long lasting effects. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry

into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material. Clear up rapidly by scoop or vacuum. Notify

authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

9/4/2024 (Revision date) EN (English) 3/12

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed

: Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal

protective equipment. Use only outdoors or in a well-ventilated area.

Hygiene measures

Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Separate working clothes from town clothes. Launder separately. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Packaging materials

: Keep in a cool, well-ventilated place away from heat.

Storage conditions

: Store in original container. Keep container tightly closed. Store in a dry place. Protect from

moisture. Store locked up. Store in a well-ventilated place.

: Store always product in container of same material as original container.

## 7.3. Specific end use(s)

No additional information available

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

#### **Appropriate engineering controls**

## Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):







### Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

## **Skin protection**

#### Skin and body protection:

Wear a mask

#### Hand protection:

Protective gloves

## **Respiratory protection**

## Respiratory protection:

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

#### **Environmental exposure controls**

## Environmental exposure controls:

Avoid release to the environment.

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : Silver.

Appearance : Shiny. opaque. Liquid.

Molecular mass 200.59 g/mol Odour Odourless. Odour threshold : Not available Melting point -38.87 °C Freezing point : Not available : 356.7 °C Boiling point : Not available Flammability Lower explosion limit Not available : Not available Upper explosion limit Not available Flash point Auto-ignition temperature Not available Decomposition temperature : Not available рΗ : Not available

Viscosity, dynamic : 1.55 mPa·s at 20 °C
Solubility : Water: Immiscible in water

: 0.114 mm<sup>2</sup>/s

Partition coefficient n-octanol/water (Log Kow) : Not available
Vapour pressure : < 0.01 hPa at 20°C
Vapour pressure at 50°C : Not available

Density : 13.55 g/cm³ at 25 °C
Relative density : Not available
Relative vapour density at 20°C : 6.93 (Air = 1)
Particle characteristics : Not applicable

## 9.2. Other information

Viscosity, kinematic

#### Other safety characteristics

Relative evaporation rate (butylacetate=1) : 4

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

## 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Inhalation:dust,mist: Fatal if inhaled.

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

Reproductive toxicity : May damage the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

## **MERCURY METAL EXTRA PURE (7439-97-6)**

0.114 mm<sup>2</sup>/s Viscosity, kinematic

#### 11.2. Information on other hazards

No additional information available

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects. : Very toxic to aquatic life with long lasting effects. Ecology - water

Hazardous to the aquatic environment, short-term

(acute)

: Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term : Very toxic to aquatic life with long lasting effects.

(chronic)

## 12.2. Persistence and degradability

## **MERCURY METAL EXTRA PURE (7439-97-6)**

Persistence and degradability Rapidly degradable

## 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

9/4/2024 (Revision date) EN (English) 6/12

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance

with local, regional, national and/or international regulation. Disposal must be done

according to official regulations.

Additional information : Do not re-use empty containers.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

#### 14.1. UN number or ID number

 UN-No. (ADR)
 : UN 2809

 UN-No. (IMDG)
 : UN 2809

 UN-No. (IATA)
 : UN 2809

 UN-No. (ADN)
 : UN 2809

 UN-No. (RID)
 : UN 2809

## 14.2. UN proper shipping name

Proper Shipping Name (ADR) : MERCURY
Proper Shipping Name (IMDG) : MERCURY
Proper Shipping Name (IATA) : Mercury
Proper Shipping Name (ADN) : MERCURY
Proper Shipping Name (RID) : MERCURY

Transport document description (ADR) : UN 2809 MERCURY, 8 (6.1), III, (E)

Transport document description (IMDG) : UN 2809 MERCURY, 8 (6.1), III, MARINE POLLUTANT/ENVIRONMENTALLY

**HAZARDOUS** 

Transport document description (IATA) : UN 2809 Mercury, 8 (6.1), III, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN) : UN 2809 MERCURY, 8 (6.1), III, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID) : UN 2809 MERCURY, 8 (6.1), III, ENVIRONMENTALLY HAZARDOUS

#### 14.3. Transport hazard class(es)

## **ADR**

Transport hazard class(es) (ADR) : 8 (6.1)
Danger labels (ADR) : 8, 6.1







#### IMDG

Transport hazard class(es) (IMDG) : 8 (6.1)
Danger labels (IMDG) : 8, 6.1





#### **IATA**

Transport hazard class(es) (IATA) : 8 (6.1)

Danger labels (IATA) : 8, 6.1

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878





#### **ADN**

Transport hazard class(es) (ADN) : 8 (6.1) Danger labels (ADN) : 8, 6.1



#### **RID**

Transport hazard class(es) (RID) : 8 (6.1) Danger labels (RID) 8, 6.1







## 14.4. Packing group

Packing group (ADR) : 111 : III Packing group (IMDG) : III Packing group (IATA) : III Packing group (ADN) Packing group (RID) : 111

## 14.5. Environmental hazards

Dangerous for the environment : Yes Marine pollutant Yes EmS-No. (Fire) F-A EmS-No. (Spillage) S-B

Other information No supplementary information available

#### 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : CT1 Special provisions (ADR) : 365 : 5kg Limited quantities (ADR) Excepted quantities (ADR) : E0 Packing instructions (ADR) : P800 Mixed packing provisions (ADR) : MP15 : L4BN Tank code (ADR) Vehicle for tank carriage : AT Transport category (ADR) : 3 : CV13, CV28

Special provisions for carriage - Loading, unloading

and handling (ADR)

Hazard identification number (Kemler No.) : 86

Orange plates

86 2809

Tunnel restriction code (ADR) : E EAC code : 2X

## Transport by sea

Special provisions (IMDG) : 365 Limited quantities (IMDG) : 5 kg

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P800
Stowage category (IMDG) : B
Stowage and handling (IMDG) : SW2

Segregation (IMDG) : SGG7, SGG11, SG24

Properties and observations (IMDG) : A silvery metallic element occurring in the liquid state at normal temperatures. Relative

Density: 13.546. Melting point: -39°C. Highly corrosive to aluminium. Toxic if swallowed, by skin contact or by inhalation. Special care should be taken if a leakage occurs during transport, especially when carried in breakable packages and in aluminium freight containers. Carriage should be prohibited in hovercraft and other ships constructed from

aluminium.

MFAG-No : 172

#### Air transport

PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Forbidden PCA limited quantity max net quantity (IATA) : Forbidden PCA packing instructions (IATA) 868 PCA max net quantity (IATA) 35kg CAO packing instructions (IATA) : 868 CAO max net quantity (IATA) : 35kg Special provisions (IATA) : A804 ERG code (IATA) : 8P

#### Inland waterway transport

Classification code (ADN) : CT1
Special provisions (ADN) : 365
Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EP, EX, TOX, A

Ventilation (ADN) : VE02 Number of blue cones/lights (ADN) : 0

#### Rail transport

Classification code (RID) : CT1 Special provisions (RID) 365 Limited quantities (RID) 5kg Excepted quantities (RID) E0 Packing instructions (RID) P800 Mixed packing provisions (RID) MP15 : L4BN Tank codes for RID tanks (RID) Transport category (RID) 3

Special provisions for carriage - Loading, unloading  $\,\,$ : CW13, CW28

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 86

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **SECTION 15: Regulatory information**

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

#### **EU-Regulations**

#### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
18.a.	MERCURY METAL EXTRA PURE

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	MERCURY METAL EXTRA PURE
3(c)	MERCURY METAL EXTRA PURE
30.	MERCURY METAL EXTRA PURE

#### **REACH Annex XIV (Authorisation List)**

Not listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Not listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Listed on the PIC list (Regulation EU 649/2012): mercury

#### **POP Regulation (Persistent Organic Pollutants)**

Not listed on the POP list (Regulation EU 2019/1021)

#### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### **National regulations**

#### France

Occupational diseases	
Code	Description
RG 2	Occupational diseases caused by mercury and its compounds

#### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV).

Chemicals Prohibition Ordinance (ChemVerbotsV) : This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must

be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the

shipping route (according to § 10).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed SZW-lijst van reprotoxische stoffen – : The substance is not listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : MERCURY METAL is listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

9/4/2024 (Revision date) EN (English) 10/12

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
H330	Fatal if inhaled.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Repr. 1B	Reproductive toxicity, Category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1

Safety Data Sheet (SDS), EU

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.