

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

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

1.1 Product identifier

Trade name **Protek HD**

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

Relevant identified uses all-purpose cleaner concentrate

Uses advised against do not use for squirting or spraying
do not use for products which come into direct contact with the skin

1.3 Details of the supplier of the safety data sheet

Pro-Tek
P.O. Box 1057
Glenns Ferry, ID 83623
1-888-776-8351

Competent person responsible for the SDS Denver Price

1.4 Emergency telephone number

Emergency information service **USA 1.800.535.5053, INTL 1.352.323.3500**
24 hour emergency telephone number.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Annex | - | Hazard class and category | - | Hazard statement code(s) | |
|-------|---|-----------------------------------|---------|--------------------------|------|
| B.16 | | corrosive to metals | Cat. 1 | (Met. Corr. 1) | H290 |
| A.2 | | skin corrosion/irritation | Cat. 1A | (Skin Corr. 1A) | H314 |
| A.3 | | serious eye damage/eye irritation | Cat. 1 | (Eye Dam. 1) | H318 |

Remarks

For full text of H-phrases: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word danger

Pictograms

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

GHS05



Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

Precautionary statements - prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Absorb spillage to prevent material damage.

Precautionary statements - disposal

Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling

sodium metasilicate, anhydrous

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Wt% | Hazard class and category | | Hazard statement |
|---------------------------------|---------------------|----------|---|--|--|
| ethylene glycol monobutyl ether | CAS No 111-76-2 | 5 - < 10 | B.6 A.10 A.1D A.11 A.2 A.3 | Flam. Liq. 4 Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2A | H227 H302 H312 H332 H315 H319 |
| EDTA, anhydrous | CAS No 64-02-8 | 1 - < 5 | A.10 A.11 A.3 A.9 | Acute Tox. 4 Acute Tox. 4 Eye Dam. 1 STOT RE 2 | H302 H332 H318 H373 |
| sodium metasilicate, anhydrous | CAS No 6834-92-0 | 1 - < 5 | A.10 A.2 A.3 A.8R | Acute Tox. 4 Skin Corr. 1A Eye Dam. 1 STOT SE 3 | H302 H314 H318 H335 |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Explosive when mixed with combustible material. Corrosive to metals.

Hazardous combustion products

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Never add water to this product.

Handling of incompatible substances or mixtures

Do not mix with acids.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

• Corrosive conditions

Store in corrosive resistant container with a resistant inner liner.

Incompatible substances or mixtures

Observe compatible storage of chemicals.

Control of the effects

Protect against external exposure, such as

frost

Consideration of other advice

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Source |
|---------|-----------------|----------|------------|-----------|--------------------------|------------|---------------------------|-------------|
| US | 2-butoxyethanol | 111-76-2 | PEL | 50 | 240 | | | 29 CFR OSHA |

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

Skin protection

• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|----------------|--------|
| Physical state | liquid |
| Color | yellow |
| Odor | fruity |

Other physical and chemical parameters

| | |
|---|------------------------------------|
| pH (value) | >13 at 25 °C (base) |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | 100 °C |
| Flash point | >100 °C at 101.3 kPa (closed cup) |
| Evaporation rate | not determined |
| Flammability (solid, gas) | not relevant (fluid) |
| Explosive limits | not determined |
| Vapor pressure | 31.69 hPa at 25 °C |
| Density | 1.011 g/ml |
| Solubility(ies) | |
| Water solubility | miscible in any proportion |
| Partition coefficient | |
| n-octanol/water (log KOW) | This information is not available. |
| Auto-ignition temperature | 230 °C |
| Viscosity | not determined |
| Explosive properties | none |
| Oxidizing properties | none |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". corrosive to metals

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

There is no additional information.

Release of flammable materials with

light metals (due to the release of hydrogen in an acid/alkaline medium)

Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity of components of the mixture

| Name of substance | CAS No | Exposure route | ATE |
|---------------------------------|-----------|-------------------|------|
| ethylene glycol monobutyl ether | 111-76-2 | oral | 1746 |
| ethylene glycol monobutyl ether | 111-76-2 | dermal | 1100 |
| ethylene glycol monobutyl ether | 111-76-2 | inhalation: vapor | 11 |
| EDTA, anhydrous | 64-02-8 | oral | 1913 |
| sodium metasilicate, anhydrous | 6834-92-0 | oral | 1280 |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs

| Name of substance | Name acc. to inventory | CAS No | wt% | Classification | Remarks | Number |
|---------------------------------|------------------------|----------|------|----------------|---------|-----------|
| ethylene glycol monobutyl ether | 2-Butoxyethanol | 111-76-2 | 5.41 | 3 | | Volume 88 |

Legend

3 Not classifiable as to carcinogenicity in humans.

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (acute)

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|---------------------------------|----------|----------|-----------|-----------------------|---------------|
| ethylene glycol monobutyl ether | 111-76-2 | LC50 | 1474 mg/l | fish | 96 hours |
| ethylene glycol monobutyl ether | 111-76-2 | EC50 | 1550 mg/l | aquatic invertebrates | 48 hours |
| ethylene glycol monobutyl ether | 111-76-2 | ErC50 | 1840 mg/l | algae | 72 hours |
| EDTA, anhydrous | 64-02-8 | LC50 | 121 mg/l | fish | 96 hours |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

Aquatic toxicity (chronic)

Aquatic toxicity (chronic) of components of the mixture

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|---------------------------------|----------|----------|----------|-----------------------|---------------|
| ethylene glycol monobutyl ether | 111-76-2 | EC50 | 297 mg/l | aquatic invertebrates | 21 d |
| EDTA, anhydrous | 64-02-8 | EC50 | 625 mg/l | aquatic invertebrates | 24 h |

12.2 Process of degradability

Data are not available.

Degradability of components of the mixture

| Name of substance | CAS No | Process | Degradation rate | Time |
|---------------------------------|----------|---------------------------|------------------|------|
| ethylene glycol monobutyl ether | 111-76-2 | carbon dioxide generation | 18.3 % | 3 d |

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

| Name of substance | CAS No | BCF | Log KOW | BOD5/COD |
|---------------------------------|----------|-----|---------|----------|
| ethylene glycol monobutyl ether | 111-76-2 | | 0.81 | |
| EDTA, anhydrous | 64-02-8 | 1.8 | | |

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.


Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.3 Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

| | | |
|------|---|--|
| 14.1 | UN number | 1760 |
| 14.2 | UN proper shipping name | CORROSIVE LIQUID, N.O.S. |
| | Hazardous constituents | sodium metasilicate, anhydrous |
| 14.3 | Transport hazard class(es) | |
| | Class | 8 (corrosive substances) |
| 14.4 | Packing group | II (substance presenting medium danger) |
| 14.5 | Environmental hazards | none (non-environmentally hazardous acc. to the dangerous goods regulations) |
| 14.6 | Special precautions for user | |
| | | There is no additional information. |
| 14.7 | Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | |
| | | The cargo is not intended to be carried in bulk. |
| 14.8 | Information for each of the UN Model Regulations | |
| | • Transport of dangerous goods by road or rail (49 CFR US DOT) | |
| | Index number | 1760 |
| | Proper shipping name | Corrosive liquid, n.o.s. |
| | Class | 8 |
| | Packing group | II |
| | Danger label(s) | 8 |
| |  | |
| | Special provisions (SP) | B2, IB2, T11, TP2, TP27 |
| | ERG No | 154 |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

• International Maritime Dangerous Goods Code (IMDG)

| | |
|----------------------|--------------------------|
| UN number | 1760 |
| Proper shipping name | CORROSIVE LIQUID, N.O.S. |
| Class | 8 |
| Packing group | II |
| Danger label(s) | 8 |



| | |
|--------------------------|----------|
| Special provisions (SP) | 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 1 L |
| EmS | F-A, S-B |
| Stowage category | B |

• International Civil Aviation Organization (ICAO-IATA/DGR)

| | |
|----------------------|--------------------------|
| UN number | 1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Class | 8 |
| Packing group | II |
| Danger label(s) | 8 |



| | |
|--------------------------|-------|
| Special provisions (SP) | A3 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 0.5 L |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

| Category | Rating | Description |
|-------------------------------|--------|--|
| Chronic | * | Chronic (long-term) health effects may result from repeated overexposure. |
| Health | 3 | Major injury likely unless prompt action is taken and medical treatment is given. |
| Flammability | 1 | Materials that must be preheated before ignition can occur. |
| Physical hazard | 0 | Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives. |
| Personal protective equipment | - | |

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States) - National Fire Protection Association (United States)

| Category | Degree of hazard | Description |
|----------------|------------------|--|
| Flammability | 1 | Materials that must be preheated before ignition can occur. |
| Health | 3 | Materials that, under emergency conditions, can cause serious or permanent injury. |
| Instability | 0 | Materials that are normally stable, even under fire conditions. |
| Special hazard | | |

Right to Know Hazardous Substance List

| Name of substance | CAS No | Remarks | Classifications |
|---------------------------------|----------|---------|-----------------|
| ethylene glycol monobutyl ether | 111-76-2 | | CA F2 |

Legend

CA Carcinogenic.
F2 Flammable - Second Degree.

Proposition 65 List of chemicals

none of the ingredients are listed

Relevant European Union (EU) safety, health and environmental provisions

Classification according to GHS (1272/2008/EC, CLP)

Hazard class

corrosive to metals
skin corrosion/irritation

Category Hazard class and category

1 (Met. Corr. 1)
1B (Skin Corr. 1B)

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

SECTION 16: Other information

16.1 Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) |
|---------|---|---|
| 1.3 | Details of the supplier of the safety data sheet: customer name customer address customer phone number customer email | Details of the supplier of the safety data sheet: Pro-Tek P.O. Box 1057 Glenns Ferry, ID 83623 1-888-776-8351 |
| 1.3 | Competent person responsible for the SDS: Robert Blahnik | Competent person responsible for the SDS: Denver Price |

16.2 Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|---|
| 29 CFR OSHA | 29 CFR §1910.1001 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits) |
| 49 CFR US DOT | 49 CFR § 40 U.S. Department of Transportation |
| Acute Tox. | acute toxicity |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| ATE | Acute Toxicity Estimate |
| BCF | BioConcentration Factor |
| BOD | Biochemical Oxygen Demand |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures |
| CMR | Carcinogenic, Mutagenic or toxic for Reproduction |
| COD | chemical oxygen demand |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No-Effect Level |
| EmS | Emergency Schedule |
| ERG No | Emergency Response Guidebook - Number |
| Eye Dam. | seriously damaging to the eye |
| Eye Irrit. | irritant to the eye |
| Flam. Liq. | flammable liquid |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IARC Monographs | IARC Monographs on the Evaluation of Carcinogenic Risks to Humans |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| log KOW | n-octanol/water |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

| Abbr. | Descriptions of used abbreviations |
|----------------|---|
| NFPA® 704 | National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States) |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition |
| OSHA | Occupational Safety and Health Administration (United States) |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | parts per million |
| Skin Corr. | corrosive to skin |
| Skin Irrit. | irritant to skin |
| STOT RE | specific target organ toxicity - repeated exposure |
| STOT SE | specific target organ toxicity - single exposure |
| vPvB | very Persistent and very Bioaccumulative |

16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

16.5

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|---|
| H227 | combustible liquid |
| H290 | may be corrosive to metals |
| H302 | harmful if swallowed |
| H312 | harmful in contact with skin |
| H314 | causes severe skin burns and eye damage |
| H315 | causes skin irritation |
| H318 | causes serious eye damage |
| H319 | causes serious eye irritation |
| H332 | harmful if inhaled |
| H335 | may cause respiratory irritation |
| H373 | may cause damage to organs through prolonged or repeated exposure |

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Protek HD

Version number: GHS 2.0
Replaces version of: 2015-05-26 (GHS 1)

Date of compilation: 2015-05-27

16.7

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.