



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

SECTION 1: Identification

1.1 Product identifier

Trade name **D70 Free Wheel Cleaner**

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

Relevant identified uses cleaner/degreaser

1.3 Details of the supplier of the safety data sheet

B&B Blending, LLC
10963 Leroy Drive
Northglenn
CO 80233 United States

Telephone: 1.800.875.6320, 1.303.289.6320

Telefax e-mail: info@bbblending.com

Website: bbblending.com

Competent person responsible for the SDS

Robert Blahnik

e-mail (competent person)

bblahnik@bbblending.com

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: Hazard(s) 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	substance or mixture corrosive to metals	Cat. 1 (Met. Corr. 1)	H290
A.2	skin corrosion/irritation	Cat. 2 (Skin Irrit. 2)	H315
A.3	serious eye damage/eye irritation	Cat. 1 (Eye Dam. 1)	H318

Remarks

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

Hazards not otherwise classified

May be harmful if swallowed (GHS category 5: acutely toxic - oral).

2.2 Label elements

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

Signal word **danger**

Pictograms

GHS05



Hazard statements

H290	May be corrosive to metals.
H315	Causes skin irritation.
H318	Causes serious eye damage.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

Precautionary statements

Precautionary statements - prevention

Keep only in original container.
Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection.

Precautionary statements - response

IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
Absorb spillage to prevent material damage.

Precautionary statements - storage

Store in corrosive resistant container with a resistant inner liner.

Hazardous ingredients for labelling potassium hydroxide

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.1I 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
potassium hydroxide	CAS No 1310-58-3	1 - < 5	B.16 A.10 A.2 A.3	Met. Corr. 1 Acute Tox. 4 Skin Corr. 1A Eye Dam. 1	H290 H302 H314 H318
sodium xylene sulfonate	CAS No 1300-72-7	1 - < 5	A.3	Eye Irrit. 2A	H319
sodium dodecylbenzenesulfonate	CAS No 25155-30-0	1 - < 5	A.10	Acute Tox. 4	H302



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

Name of substance	Identifier	Wt%	Hazard class and category		Hazard statement
ethanol	CAS No 64-17-5	< 1	B.6 A.10 A.1D A.11 A.2 A.3 A.8	Flam. Liq. 2 Acute Tox. 3 Acute Tox. 4 Acute Tox. 3 Skin Irrit. 2 Eye Irrit. 2A STOT SE 1	H225 H301 H312 H331 H315 H319 H370
sodium 1-octanesulfonate	CAS No 5324-84-5	< 1	B.6	Flam. Liq. 4	H227
Alcohols, C12-15, ethoxylated	CAS No 68131-39-5	< 1	B.6 A.3	Flam. Liq. 3 Eye Dam. 1	H226 H318

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

SECTION 4: First-aid measures

4.1

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: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Substance or mixture corrosive to metals.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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.

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 of 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.

6.4 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 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

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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 DOT) 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
US	ethyl alcohol (ethanol)	64-17-5	PEL	1,000	1,900			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.

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.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

• 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	transparent - greenish yellow
Odor	characteristic

Other physical and chemical parameters

pH (value)	>14 (25 °C) (base)
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	>100 °C at 1,013 hPa (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	not determined
Relative density	1.12 (water = 1)
Solubility(ies)	not determined
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

SECTION 10: Stability and reactivity

10.1 Reactivity

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



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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)

10.6 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	1,746 mg/kg
ethylene glycol monobutyl ether	111-76-2	dermal	1,100 mg/kg
ethylene glycol monobutyl ether	111-76-2	inhalation: vapor	11 mg/√4h
potassium hydroxide	1310-58-3	oral	333 mg/kg
sodium dodecylbenzenesulfonate	25155-30-0	oral	438 mg/kg
ethanol	64-17-5	oral	100 mg/kg
ethanol	64-17-5	dermal	1,100 mg/kg
ethanol	64-17-5	inhalation: vapor	3 mg/√4h

Skin corrosion/irritation

Causes skin irritation.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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	8.72	3		Volume 88
ethanol	Ethanol	64-17-5	0.9301	1	in alcoholic beverages	Volume 96, 100E

Legend

- 1 Carcinogenic to humans.
- 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

Shall not be classified as hazardous to the aquatic environment.

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	1,474 mg/l	fish	96 h
ethylene glycol monobutyl ether	111-76-2	EC50	1,550 mg/l	aquatic invertebrates	48 h
ethylene glycol monobutyl ether	111-76-2	ErC50	1,840 mg/l	algae	72 h
ethanol	64-17-5	LC50	14.2 g/l	fish	96 h
ethanol	64-17-5	EC50	12.9 g/l	fish	96 h
Alcohols, C12-15, ethoxylated	68131-39-5	EC50	0.14 mg/l	aquatic invertebrates	48 h
Alcohols, C12-15, ethoxylated	68131-39-5	ErC50	0.75 mg/l	algae	72 h



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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
ethanol	64-17-5	LC50	>0.08 mg/l	fish	42 d
ethanol	64-17-5	EC50	22.6 g/l	algae	10 d
ethanol	64-17-5	ErC50	675 mg/l	algae	4 d

Biodegradation

The relevant substances of the mixture are readily biodegradable.

12.2 Persistence and degradability

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
ethanol	64-17-5	oxygen depletion	74 %	5 d
Alcohols, C12-15, ethoxylated	68131-39-5	carbon dioxide generation	72 %	28 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 (pH value: 7, 25 °C)	
sodium xylene sulfonate	1300-72-7		-3.12 (pH value: 11.96, 20 °C)	
ethanol	64-17-5		-0.35 (pH value: 7.4, 24 °C)	
Alcohols, C12-15, ethoxylated	68131-39-5		5.06	

12.4 Mobility in soil

Data are not available.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

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.

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.

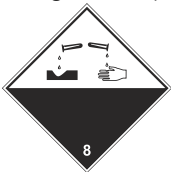
SECTION 14: Transport information

14.1	UN number	1760
14.2	UN proper shipping name	Corrosive liquid, n.o.s.
	Technical name (hazardous constituents)	potassium hydroxide
14.3	Transport hazard class(es)	
	Class	8 (corrosive substances)
14.4	Packing group	III (substance presenting low 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 and the IBC Code	
	The cargo is not intended to be carried in bulk.	

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	III
Danger label(s)	8



Special provisions (SP)	IB3, T7, TP1, TP28
ERG No	154



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

• International Maritime Dangerous Goods Code (IMDG)

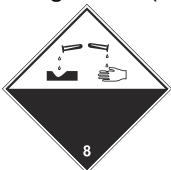
UN number	1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Class	8
Packing group	III
Danger label(s)	8



Special provisions (SP)	223, 274
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-B
Stowage category	A

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

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



Special provisions (SP)	A3, 274
Excepted quantities (EQ)	E1
Limited quantities (LQ)	1 L

SECTION 15: Regulatory information

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

National regulations (United States)

Toxic Substance Control Act (TSCA)

all ingredients are listed or exempt from listing

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

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

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	Material that must be preheated before ignition can occur.
Physical hazard	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
Personal protective equipment	-	

NFPA® 704

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

Category	Degree of hazard	Description
Flammability	1	Material that must be preheated before ignition can occur.
Health	3	Material that, under emergency conditions, can cause serious or permanent injury.
Instability	0	Material that is 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
potassium hydroxide	1310-58-3		CO R1
sodium dodecylbenzenesulfonate	25155-30-0		
ethanol	64-17-5		CA MU TE F3

Legend

- CA Carcinogenic.
- CO Corrosive.
- F2 Flammable - Second Degree.
- F3 Flammable - Third Degree.
- MU Mutagenic.
- R1 Reactive - First Degree.
- TE Teratogenic.



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

Proposition 65 List of chemicals

Name of substance	CAS No	Remarks	Type of the toxicity
sodium xylene sulfonate	1300-72-7		cancer
ethanol	64-17-5	in alcoholic beverages	cancer
ethanol	64-17-5	in alcoholic beverages	developmental

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

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

Hazard class

substance or mixture corrosive to metals
 skin corrosion/irritation
 serious eye damage/eye irritation

Category Hazard class and category

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

SECTION 16: Other information, including date of preparation or last revision

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
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
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
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
HMIS	Hazardous Materials Identification System



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

Abbr.	Descriptions of used abbreviations
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
IATA	International Air Transport Association
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")
Met. Corr.	substance or mixture corrosive to metals
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
PEL	permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	parts per million
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
STEL	short-term exposure limit
STOT SE	specific target organ toxicity - single exposure
TWA	time-weighted average
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
H225	highly flammable liquid and vapor
H226	flammable liquid and vapor
H227	combustible liquid
H290	may be corrosive to metals
H301	toxic if swallowed



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

D70 Free Wheel Cleaner

Version number: GHS 1.0

Date of compilation: 2016-09-01

Code	Text
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
H331	toxic if inhaled
H332	harmful if inhaled
H370	causes damage to organs

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.