

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Cleansmart Protects-It Solvent**

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

Relevant identified uses stain and spill resisting treatment

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

Cleansmart Technologies  
P. O. Box 2126  
Loveland, Co. 80539  
877-701-5271

#### 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.6	flammable liquid	Cat. 3 (Flam. Liq. 3) H226
A.2	skin corrosion/irritation	Cat. 2 (Skin Irrit. 2) H315
A.5	germ cell mutagenicity	Cat. 1B (Muta. 1B) H340
A.6	carcinogenicity	Cat. 1B (Carc. 1B) H350
A.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	Cat. 3 (STOT SE 3) H336
A.9	specific target organ toxicity - repeated exposure	Cat. 2 (STOT RE 2) H373
A.10	aspiration hazard	Cat. 1 (Asp. Tox. 1) H304

##### Remarks

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

##### Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity - acute and chronic).

##### The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

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

**Signal word** danger

##### Pictograms

GHS02, GHS07,  
GHS08



# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### Hazard statements

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

#### **Precautionary statements - prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/eye protection/face protection.

#### **Precautionary statements - response**

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.  
IF ON SKIN: Wash with plenty of water.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor if you feel unwell.  
Specific treatment (see on this label).  
Do NOT induce vomiting.  
Take off contaminated clothing and wash it before reuse.  
In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

#### **Precautionary statements - storage**

Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

#### **Precautionary statements - disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### **Hazardous ingredients for labelling**

Stoddard Solvent, odorless mineral spirits

### **2.3 Other hazards**

Repeated exposure may cause skin dryness or cracking.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 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
odorless mineral spirits	CAS No 64742-48-9	≥ 90	B.6 A.2 A.8D A.10	Flam. Liq. 3 Skin Irrit. 2 STOT SE 3 Asp. Tox. 1	H226 H315 H336 H304
Stoddard Solvent	CAS No 8052-41-3	1 - < 5	B.6 A.5 A.6 A.9 A.10	Flam. Liq. 3 Muta. 1B Carc. 1B STOT RE 1 Asp. Tox. 1	H226 H340 H350 H372 H304
titanium tetraisopropanolate	CAS No 546-68-9	1 - < 5	B.6 A.3 A.8D	Flam. Liq. 3 Eye Irrit. 2A STOT SE 3	H226 H319 H336

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.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### **Suitable extinguishing media**

water spray, BC-powder, carbon dioxide (CO<sub>2</sub>)

##### **Unsuitable extinguishing media**

water jet

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

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

##### **Hazardous combustion products**

nitrogen oxides (NO<sub>x</sub>)

#### 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 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.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 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. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

##### Warning

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

##### 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.

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

##### Managing of associated risks

##### • Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

##### • Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

##### Incompatible substances or mixtures

Observe compatible storage of chemicals.

##### Consideration of other advice

##### Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

##### 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 <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Source
US	xylene, mixture of isomers	1330-20-7	PEL	100	435			29 CFR OSHA
US	petroleum distillates (naphtha) (rubber solvent)	64742-48-9	PEL	500	2,000			29 CFR OSHA
US	stoddard solvent	8052-41-3	PEL	500	2,900			29 CFR OSHA

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 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.

##### • 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	colorless
Odor	characteristic

#### Other physical and chemical parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	157.2 °C at 101.3 kPa
Flash point	49 °C at 101.3 kPa (closed cup)
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	
• lower explosion limit (LEL)	0.7 vol%
• upper explosion limit (UEL)	6 vol%
Vapor pressure	1.33 hPa at 63.2 °C
Density	0.75 - 0.77 g/cm <sup>3</sup> at 25 °C
Solubility(ies)	not determined

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

Partition coefficient	
n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	343 °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". The mixture contains reactive substance(s): risk of ignition

• **if heated**

risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Hints to prevent fire or explosion**

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**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.

#### 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.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### Skin corrosion/irritation

Causes skin irritation.

### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

### Summary of evaluation of the CMR properties

May cause genetic defects.

May cause cancer.

Shall not be classified as a reproductive toxicant.

### Carcinogenicity

• National Toxicology Program (United States):

none of the ingredients are listed

• IARC Monographs

none of the ingredients are listed

Name of substance	Name acc. to inventory	CAS No	wt%	Classification	Remarks	Number
xylene	Xylenes	1330-20-7	0.5683	3		Volume 47, 71

### Legend

3 Not classifiable as to carcinogenicity in humans.

### Specific target organ toxicity (STOT)

#### Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

#### Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

### Aspiration hazard

May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

#### 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
titanium tetraisopropano- late	546-68-9	EC50	590 mg/l	aquatic invertebrates	48 h
titanium tetraisopropano- late	546-68-9	ErC50	>820 mg/l	algae	72 h

#### Aquatic toxicity (chronic)

#### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
odorless mineral spirits	64742-48-9	EC50	15.41 mg/l	microorganisms	40 h
titanium tetraisopropano- late	546-68-9	EC50	>770 mg/l	aquatic invertebrates	24 h



# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 12.2 Persistence and degradability

Data are not available.

### 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
Stoddard Solvent	8052-41-3		7.15	

### 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.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Waste treatment-relevant information

Solvent reclamation/regeneration.

#### 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	1993
14.2	UN proper shipping name	Flammable liquid, n.o.s.
14.3	Transport hazard class(es) Class	3 (flammable liquids)
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.	

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

- 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	1993
Proper shipping name	Flammable liquid, n.o.s.
Class	3
Packing group	III
Danger label(s)	3



Special provisions (SP)	B1, B52, IB3, T4, TP1, TP29
ERG No	128

#### • International Maritime Dangerous Goods Code (IMDG)

UN number	1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Class	3
Packing group	III
Danger label(s)	3



Special provisions (SP)	223, 274, 955
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-E, S-E
Stowage category	E

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

UN number	1993
Proper shipping name	Flammable liquid, n.o.s.
Class	3
Packing group	III
Danger label(s)	3



Special provisions (SP)	A3, 274
Excepted quantities (EQ)	E1
Limited quantities (LQ)	10 L

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 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

##### 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	2	Temporary or minor injury may occur.
Flammability	2	Material that must be moderately heated or exposed to relatively high ambient temperatures 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	2	Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
Health	2	Material that, under emergency conditions, can cause temporary incapacitation or residual injury.
Instability	0	Material that is normally stable, even under fire conditions.
Special hazard		

##### Right to Know Hazardous Substance List

none of the ingredients are listed

Name of substance	CAS No	Remarks	Classifications
Stoddard Solvent	8052-41-3		F2

##### Legend

F2 Flammable - Second Degree.

##### Proposition 65 List of chemicals

none of the ingredients are listed

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

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

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

##### Hazard class

flammable liquid  
skin corrosion/irritation  
germ cell mutagenicity  
carcinogenicity  
specific target organ toxicity - single exposure (narcotic effects, drowsiness)  
specific target organ toxicity - repeated exposure  
aspiration hazard  
hazardous to the aquatic environment - chronic hazard

##### Category Hazard class and category

3 (Flam. Liq. 3)  
2 (Skin Irrit. 2)  
1B (Muta. 1B)  
1B (Carc. 1B)  
3 (STOT SE 3)  
2 (STOT RE 2)  
1 (Asp. Tox. 1)  
2 (Aquatic Chronic 2)

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

### 16.1 Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.1	Trade name: Protects-It Solvent	Trade name: Cleansmart Protects-It Solvent	yes
1.3	Details of the supplier of the safety data sheet: Clean Smart 1121 E Eisenhower Blvd Loveland, CO 80537 970-669-5407	Details of the supplier of the safety data sheet: Cleansmart Technologies P. O. Box 2126 Loveland, Co. 80539 877-701-5271	yes
1.3	Competent person responsible for the SDS:  Robert Blahnik		yes

### 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
Asp. Tox.	aspiration hazard
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
Carc.	carcinogenicity
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

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

Abbr.	Descriptions of used abbreviations
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	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")
Muta.	germ cell mutagenicity
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 RE	specific target organ toxicity - repeated exposure
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).

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Cleansmart Protects-It Solvent

Version number: GHS 4.0  
Replaces version of: 2015-08-06 (GHS 3)

revision: 2016-05-12

### 16.5

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

Code	Text
H226	flammable liquid and vapor
H304	may be fatal if swallowed and enters airways
H315	causes skin irritation
H319	causes serious eye irritation
H336	may cause drowsiness or dizziness
H340	may cause genetic defects
H350	may cause cancer
H372	causes damage to organs through prolonged or repeated exposure
H373	may cause damage to organs through prolonged or repeated exposure

### 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.