

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Trade Name Trim Restorer

1.2 Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

Relevant Identified Uses Black Vinyl And Trim Restorer

1.3 Details Of The Supplier Of The Safety Data Sheet

GlassParency Products Inc. 185 W. Montauk Hwy Lindenhurst NY, 11757

866-529-5999

www.glassparency.com

1.4 Emergency Telephone Number

Emergency Information Service

24 Hour Emergency Number ChemTrec Toll Free: 1(800)-424-9300

Local: 1-703-527-3887

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

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

SECTION	SECTION HAZARD	CATEGORY	HAZARD CLASS AND CATEGORY	HAZARD STATEMENT
A.2	Skin Corrosion/Irritation	2	Skin Irrit. 2	H315
A.3	Serious Eye Damage/Eye Irritation	2A	Eye Irrit. 2A	H319
A.4S	Skin Sensitization	1	Skin Sens. 1	H317
B.6	Flammable Liquid	3	Flam. Liq. 3	H226

^{*}For full text of abbreviations: see SECTION 16

THE MOST IMPORTANT ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS The product is combustible and can be ignited by potential ignition sources.

2.2 Label Elements

LABELING ACC. TO OSHA "HAZARD COMMUNICATION STANDARD" (29 CFR 1910.1200)

- Signal Word : Warning
- Pictograms GHS02, GHS07





• Hazard Statements

H226 Flammable liquid and vapor. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

acc. to 29 CFR 1910.1200 App D

Version number: GHS 1.0 Date of compilation: 2020-12-07

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 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 in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/

international regulations.

• Hazardous Ingredients For Labeling

D-Limonene

P303+P361+P353

P305+P351+P338

P321

P362

P363 P370+P378

P501

P333+P313

P337+P313

P403+P235

2.3 Other Hazards

HAZARDS NOT OTHERWISE CLASSIFIED

Toxic to aquatic life with long lasting effects (GHS Category 2: Aquatic Toxicity - Acute And/Or Chronic).

RESULTS OF PBT AND VPVB ASSESSMENT

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not Relevant (Mixture)

3.2 Mixtures

DESCRIPTION OF THE MIXTURE

NAME OF SUBSTANCE	IDENTIFIER	WT%	CLASSIFICATION ACC. TO GHS
Boiled Linseed Oil, Cobalt Manganese Salt	CAS No 68553-15-1	70 – < 85	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319
D-Limonene	CAS No 5989-27-5	3 – < 12	Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226
C.I. Solvent Black 29	CAS No 117527-94-3	3 – < 12	cD / OSHA003

HAZARDOUS INGREDIENTS, CONSIDERATION OF OTHER ADVICE

This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS. Exact percentage of ingredients is withheld as a trade secret.

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

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

FOLLOWING SKIN CONTACT

Wash with plenty of soap and water.

FOLLOWING EYE CONTACT

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

FOLLOWING INGESTION

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

4.2 Most Important Symptoms And Effects, Both Acute And Delayed

Symptoms and effects are not known to date.

4.3 Indication Of Any Immediate Medical Attention And Special Treatment Needed

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

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 Carbon Monoxide (CO), Carbon Dioxide (CO2)

5.3 Advice For Firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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. If substance has entered a water course or sewer, inform the responsible authority.

acc. to 29 CFR 1910.1200 App D

Version number: GHS 1.0 <u>Date of compilation</u>: 2020-12-07

6.3 Methods And Material For Containment And Cleaning Up

ADVICE ON HOW TO CONTAIN A SPILL Covering of drains.

ADVICE 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 protective equipment: 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. 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.

• Specific Notes/Details

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 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.

• Ventilation Requirements

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

Packaging Compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) 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

OCCUPATIO	OCCUPATIONAL EXPOSURE LIMIT VALUES (WORKPLACE EXPOSURE LIMITS)										
COUNTRY	NAME OF AGENT	CAS NO	IDENTIFIER	TWA [PPM]	TWA [MG/ M³]	STEL [PPM]	STEL [MG/ M³]	CEIL- ING-C [PPM]	CEIL- ING-C [MG/ M³]	NOTA- TION	SOURCE
US	Chromium(lii) Compounds		PEL (CA)		0.5					Cr	Cal/OSHA PEL
US	Chromium(lii) Compounds		PEL		0.5					Cr	29CFR 1910.1 000
US	Chromium(lii) Compounds		REL		0.5					Cr, appxC	NIOS H REL

Notation

TWA

appx-C Appendix C - Supplementary Exposure Limits

Ceiling-C Ceiling Value Is A Limit Value Above Which Exposure Should Not Occur

Cr Calculated As Cr (Chromium)

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)
Time-Weighted Average (Long-Term Exposure Limit): Measured Or Calculated In Relation

To A Reference Period Of 8 Hours Time-Weighted Average (Unless Otherwise Specified)

RELEVANT DNELS OF COMPONENTS OF THE MIXTURE							
NAME OF SUBSTANCE	CAS NO	ENDPOINT	THRESHOLD LEVEL	PROTECTION GOAL, ROUTE OF EXPOSURE	USED IN	EXPOSURE TIME	
C.I. Solvent Black 29	117527-94-3	DNEL	1.18 mg/m³	Human, Inhalatory	Worker (Industry)	Chronic - Systemic Effects	
D-limonene	5989-27-5	DNEL	33.3 mg/m³	Human, Inhalatory	Worker (Industry)	Chronic - Systemic Effects	

RELEVANT PNECS OF COMPONENTS OF THE MIXTURE							
NAME OF SUBSTANCE	CAS NO	ENDPOINT	THRESHOLD LEVEL	ORGANISM	ENVIRONMENTAL COMPARTMENT	EXPOSURE TIME	
C.I. Solvent Black 29	117527-94-3	PNEC	0.1 mg/l	Aquatic Organisms	Freshwater	Short-Term (Single Instance)	
C.I. Solvent Black 29	117527-94-3	PNEC	0.01 mg/l	Aquatic Organisms	Marine Water	Short-Term (Single Instance)	
C.I. Solvent Black 29	117527-94-3	PNEC	1 mg/l	Aquatic Organisms	Water	Intermittent Release	
C.I. Solvent Black 29	117527-94-3	PNEC	0.54 mg/kg	Aquatic Organisms	Sewage Treatment Plant (STP)	Short-Term (Single Instance)	

NAME OF SUBSTANCE	CAS NO	ENDPOINT	THRESHOLD LEVEL	ORGANISM	ENVIRONMENTAL COMPARTMENT	EXPOSURE TIME
C.I. Solvent Black 29	117527-94-3	PNEC	0.054 mg/kg	Aquatic Organisms	Marine Sediment	Short-Term (Single Instance)
C.I. Solvent Black 29	117527-94-3	PNEC	0.049 mg/kg	Terrestrial Organisms	Soil	Short-Term (Single Instance)
C.I. Solvent Black 29	117527-94-3	PNEC	10 mg/l	Aquatic Organisms	Sewage Treatment Plant (STP)	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	5.4 µg/l	Aquatic Organisms	Freshwater	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	0.54 μg/l	Aquatic Organisms	Marine Water	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	1.8 mg/l	Microorganisms	Sewage Treatment Plant (STP)	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	1.32 mg/kg	Benthic Organisms	Sediment	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	0.13 mg/kg	Pelagic Organisms	Sediment	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	0.262 mg/kg	Terrestrial Organisms	Soil	Short-Term (Single Instance)
D-Limonene	5989-27-5	PNEC	3.33 mg/kg	(Top) Predators	Water	Short-Term (Single Instance)

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	Black
ODOR	Citrus

Other Safety Parameters

o mon oursely i arameters				
PH (VALUE)	Not Determined			
MELTING POINT/ FREEZING POINT	199.2 K			
INITIAL BOILING POINT AND BOILING RANGE	176°C			
FLASH POINT	58 °C At 1 atm Closed Cup			
EVAPORATION RATE	Not Determined			
FLAMMABILITY (SOLID, GAS)	Not Relevant, (Fluid)			
EXPLOSIVE LIMITS	Not Determined			

Other Safety Parameters Continued

VAPOR PRESSURE	200 Pa At 298 K
DENSITY	Not Determined
VAPOR DENSITY	This Information Is Not Available
RELATIVE DENSITY	Information On This Property Is Not Available
SOLUBILITY(IES)	Not Determined

Partition Coefficient

Fartition Coefficient				
N-OCTANOL/WATER (LOG KOW)	This Information Is Not Available			
AUTO-IGNITION TEMPERATURE	245 °C (Auto-Ignition Temperature (Liquids And Gases))			
VISCOSITY	Not Determined			
EXPLOSIVE PROPERTIES	None			
OXIDIZING PROPERTIES	None			
TEMPERATURE CLASS (USA, ACC. TO NEC 500)	T2C (Maximum Permissible Surface Temperature On The Equipment: 230°C)			

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.

10.5 Incompatible Materials

Oxidizers

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.

SKIN CORROSION/IRRITATION

Causes skin irritation.

SERIOUS EYE DAMAGE/EYE IRRITATION

Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITIZATION

May cause an allergic skin reaction.

GERM CELL MUTAGENICITY

Shall not be classified as germ cell mutagenic..

CARCINOGENICITY

Shall not be classified as carcinogenic.

IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMANS							
NAME OF SUBSTANCE CAS NO CLASSIFICATION NUMBER							
D-Limonene	5989-27-5	3					

Legend

3

Not Classifiable As To Carcinogenicity In Humans

REPRODUCTIVE TOXICITY

Shall not be classified as a reproductive toxicant.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

Shall not be classified as a specific target organ toxicant (single exposure).

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE

Shall not be classified as a specific target organ toxicant (repeated exposure).

ASPIRATION HAZARD

Shall not be classified as presenting an aspiration hazard.

acc. to 29 CFR 1910.1200 App D

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

QUATIC TOXICITY (ACUTE) OF COMPONENTS OF THE MIXTURE								
NAME OF SUBSTANCE	CAS NO	ENDPOINT	VALUE	SPECIES	EXPOSURE TIME			
C.I. Solvent Black 29	117527-94-3	LC50	112 mg/l	Fish	96 h			
D-Limonene	5989-27-5	LC50	720 µg/l	Fish	96 h			
D-Limonene	5989-27-5	EC50	688 µg/l	Fish	96 h			

QUATIC TOXICITY (CHRONIC) OF COMPONENTS OF THE MIXTURE					
NAME OF SUBSTANCE	CAS NO	ENDPOINT	VALUE	SPECIES	EXPOSURE TIME
C.I. Solvent Black 29	117527-94-3	EC50	>1,000 mg/l	Aquatic Invertebrates	24 h
D-Limonene	5989-27-5	EC50	0.85 mg/l	Aquatic Invertebrates	24 h

12.2 Persistence And Degradability

Data are not available.

12.3 Bioaccumulative Potential

Data are not available.

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

ENDOCRINE DISRUPTING POTENTIAL None of the ingredients are listed.

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

Only packagings which are approved (e.g. acc. to DOT) may be used. 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 2319

14.2 UN Proper Shipping Name Terpene Hydrocarbons, 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 Hazardous To The Aquatic Environment

Environmentally Hazardous Substance C.I. Solvent Black 29

(Aquatic Environment)

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 2319

Proper shipping name Terpene hydrocarbons, n.o.s.

Particulars in the shipper's declaration
 UN2319, Terpene hydrocarbons, n.o.s., 3, III, environmentally hazardous

Class 3 Packing Group III

Danger Label(s) 3, fish and tree





Environmental Hazards Yes (Hazardous To The Aquatic Environment)

128

Special Provisions (SP) B1, IB3, T4, TP1, TP29

ERG No

acc. to 29 CFR 1910.1200 App D

Version number: GHS 1.0 Date of compilation: 2020-12-07

International Maritime Dangerous Goods Code (IMDG)

UN Number 2319

Proper Shipping Name TERPENE HYDROCARBONS, N.O.S.

Class

Marine Pollutant Yes (Hazardous To The Aquatic Environment)

Packing Group

Danger Label(s) 3, fish and tree





Special Provisions (SP) Excepted Quantities (EQ) E1
Limited Quantities (LQ) 5 L
EmS F-E, S-D
Stowage Category A

International Civil Aviation Organization (ICAO-IATA/DGR)

UN Number 2319

Proper Shipping Name Terpene Hydrocarbons, n.o.s.

Class 3

Environmental Hazards Yes (Hazardous To The Aquatic Environment)

Packing Group III
Danger Label(s) 3



Excepted Quantities (EQ) E1 Limited Quantities (LQ) 10 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

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302,304) None Of The Ingredients Are Listed
- Specific Toxic Chemical Listings (EPCRA Section 313)
 None Of The Ingredients Are Listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
 None Of The Ingredients Are Listed

Clean Air Act

None Of The Ingredients Are Listed

Right to Know Hazardous Substance List

• Cleaning Product Right to Know Act Substance List (CA-RTK)

NAME OF SUBSTANCE	CAS NO	FUNCTIONALITY	AUTHORITATIVE LISTS
Boiled Linseed Oil, Cobalt Manganese Salt	68553-15-1	Shine Agent	
C.I. Solvent Black 29	7440-47-3	Colorant	CA TACs CDC 4th National Exposure Report OEHHA RELs
D-Limonene	5989-27-5	Fragrance	EU Fragrance Allergens

Toxic or Hazardous Substance List (MA-TURA)
 None Of The Ingredients Are Listed

• Hazardous Substances List (MN-ERTK)

NAME OF SUBSTANCE	CAS NO	REFERENCES	REMARKS
C.I. Solvent Black 29		А	
C.I. Solvent Black 29		А	Dust

Legend

dust

A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for

Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", Available From ACGIH If the substance poses an airborne particulate exposure hazard, the substance is followed by the word "dust."

• Hazardous Substance List (NJ-RTK)

NAME OF SUBSTANCE	CAS NO	REMARKS	CLASSIFICATIONS
D-Limonene	138-86-3		F2
C.I. Solvent Black 29			
C.I. Solvent Black 29			

Legend

Flammable - Second Degree

• Hazardous Substance List (Chapter 323) (PA-RTK)

NAME ACC. TO INVENTORY	CAS NO	CLASSIFICATIONS
CHROMIUM	7440-47-3	*, E, S

Legend

* Any Compound Of This Substance Is Also An Environmental Hazard

E Environmental Hazard
S Special Hazardous Substance

• Hazardous Substance List (RI-RTK)

NAME ACC. TO INVENTORY	CAS NO	REFERENCES
C.I. Solvent Black 29	7440-47-3	т, с

Legend

C Carcinogenicity (IARC)
T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

None Of The Ingredients Are Listed

acc. to 29 CFR 1910.1200 App D

Version number: GHS 1.0 Date of compilation: 2020-12-07

VOC Content

Regulated Volatile Organic Compounds (VOC-EPA)
 Regulated Volatile Organic Compounds (VOC-Cal ARB)
 5.882 %

Industry Or Sector Specific Available Guidance(s) NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

CATEGORY	RATING	DESCRIPTION
Chronic	/	None
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 Protection	-	

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		

National Inventories

COUNTRY	INVENTORY	STATUS
CA	DSL	Not All Ingredients Are Listed
CA	NDSL	Not All Ingredients Are Listed
EU	REACH Reg.	Not All Ingredients Are Listed
US	TSCA	All Ingredients Are Listed

Legend

 DSL
 Domestic Substances List (DSL)

 NDSL
 Non-domestic Substances List (NDSL)

 REACH Reg.
 REACH registered substances

 TSCA
 Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

14

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Abbreviations And Acronyms

29 CFR 1910.1000. Tables 2-1, Z-2, Z-3 - Occupational Safety and Health Standards: Tools and Hazardous Sustainess (permissible exposure limits) 49 CFR U.S. Department of Transportation ACGIN® American Conference of Governmental Industrial Hygienists ASR TOX. Aspiration Hazard CAL/OSHA PEL California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs) CAL ARB California Air Resources Board CAS Chemical Abstracts Service (Service That Maintains The Most Comprehensive List Of Chemical Substances) CD Combussible Disas CELING-C Ceiling Value DGR Dangerous Goods Regulations (See IATA/DGR) DNEL Derived No Effect Level DOT Department of Transportation (USA) ECSO Effective Concentration SINs. the ECSO Corresponds In The Concentration Of A Tested Substance CELING-C Causing 50% Changes In Response (e.g. On Growt) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency, An Agency Of The Federal Government Of The Interval States Charged With Protecting Human Health And The Environment EPYE DAM. Seriously Damaging To The Eye EYE IRRIT. Intrant To The Eye FLAM. LIQ. Flammable Liquid GHS "Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations IARC Intervational Agency for Research on Cancer	ABBR.	DESCRIPTIONS OF USED ABBREVIATIONS
ACGIHO American Conference of Governmental Industrial Hygienists ASP. TOX. Aspiration Hazard CAL/OSHA PEL California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELa) CAL ARB California Air Resources Board CAS Chemical Abstracts Service (Service That Maintains The Most Comprehensive List Of Chemical Substances) CD Combustible Dust CEILUNG-C Ceiling Value DGR Dangerous Goods Regulations (See IATA/DGR) DNEL Derived No Effect Level DOT Department of Transportation (USA) ECSO Effective Concentration 50%. The ECSO Corresponds To The Concentration Of A Tested Substance Causing 50% Changes in Response (e.g. on Growth) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency, An Agency Of The Foderal Government Of The United States Charged Wirth Protecting Human Health And The Environment ERG NO Emergency Response Guidebook - Number EYE DAM. Seriously Damaging To The Eye EYE IRRIT. Infrant To The Eye FLAM. LIQ. Flammable Liquid GHS "Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed 8y The United Nations IARC International Agency for Research on Cancer		29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
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CAL/OSHA PEL California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs) CAL ARB California Air Resources Board CAS Chemical Abstracts Service (Service That Maintains The Most Comprehensive List Of Chemical Substances) CD Combustible Dust CEILING-C Ceiling Value DGR Dangerous Goods Regulations (See IATA/DGR) DNEL Derived No-Effect Level DOT Department of Transportation (USA) ECSO Effective Concentration 50%. The ECSO Corresponds To The Concentration Of A Tested Substance Causing 50% Changes in Response (e.g. On Growth) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency An Agency Of The Federal Government Of The United States Charged With Protecting Human Health And The Environment ERG NO Emergency Response Guidebook - Number EYE DAM. Seriously Damaging To The Eye EYE IRRIT. Inritant To The Eye FLAM. LIQ. Filammable Liquid GHS "Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	ACGIH®	American Conference of Governmental Industrial Hygienists
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CEILING-C Ceiling Value DGR Dangerous Goods Regulations (See IATA/DGR) DNEL Derived No-Effect Level DOT Department of Transportation (USA) ECSO Effective Concentration 50%. The ECSO Corresponds To The Concentration Of A Tested Substance Causing 50% Changes In Response (e.g. On Growth) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency. An Agency Of The Federal Government Of The United States Charged With Protecting Human Health And The Environment 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 Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	CAL ARB	California Air Resources Board
DGR Dangerous Goods Regulations (See IATA/DGR) DNEL Derived No-Effect Level DOT Department of Transportation (USA) ECSO Effective Concentration 50%. The ECSO Corresponds To The Concentration Of A Tested Substance Causing 50% Changes In Response (e.g. On Growth) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency. An Agency Of The Federal Government Of The United States Charged With Protecting Human Health And The Environment 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 Labeling Of Chemicals* Developed By The United Nations IARC International Agency for Research on Cancer	CAS	Chemical Abstracts Service (Service That Maintains The Most Comprehensive List Of Chemical Substances)
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EC50 Effective Concentration 50%. The EC50 Corresponds To The Concentration Of A Tested Substance Causing 50% Changes In Response (e.g. On Growth) During A Specified Time Interval EMS Emergency Schedule EPA Environmental Protection Agency. An Agency Of The Federal Government Of The United States Charged With Protecting Human Health And The Environment 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 Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	DNEL	Derived No-Effect Level
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FLAM. LIQ. Flammable Liquid GHS "Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	ERG NO	Emergency Response Guidebook - Number
FLAM. LIQ. Flammable Liquid GHS "Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	EYE DAM.	Seriously Damaging To The Eye
"Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations IARC International Agency for Research on Cancer	EYE IRRIT.	Irritant To The Eye
IARC International Agency for Research on Cancer	FLAM. LIQ.	Flammable Liquid
	GHS	"Globally Harmonized System Of Classification And Labeling Of Chemicals" Developed By The United Nations
IATA International Air Transport Association	IARC	International Agency for Research on Cancer
international All Transport Association	IATA	International Air Transport Association

ABBR.	DESCRIPTIONS OF USED ABBREVIATIONS
IATA/DGR	Dangerous Goods Regulations (DGR) For The Air Transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 Corresponds To The Concentration Of A Tested Substance Causing 50% Lethality During A Specified Time Interval
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
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
RTECS	Registry of Toxic Effects of Chemical Substances (Database of NIOSH With Toxicological Information)
SKIN CORR.	Corrosive To Skin
SKIN IRRIT.	Irritant To Skin
SKIN SENS.	Skin Sensitization
STEL	Short-Term Exposure Limit
TWA	Time-Weighted Average
voc	Volatile Organic Compounds
VPVB	Very Persistent And Very Bioaccumulative

Key Literature References And Sources For Data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200. Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

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).

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.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
OSHA003	May form combustible dust concentrations in air.

Disclaimer

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