INKCUPS

SAFETY DATA SHEET

Cyan UVLED Ink

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name: Cyan UVLED Ink
Product no.: NS-R Cyan

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

Relevant identified uses of the Industrial purposes, Printing inks substance or mixture: Restricted to professional users.

Uses advised against: None known.

1.3. Details of the supplier of the safety data sheet

Company and address: INKCUPS CORP.

310 ANDOVER ST. DANVERS, MA 01923

USA

978-646-8980

E-mail: compliance@inkcups.com

SDS date: 7/29/2025

SDS Version: 1.0

1.4. Emergency telephone number

CHEMTREC 800-424-9300 24hr

SECTION 2: HAZARD(S) IDENTIFICATION

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Classification of the substance or mixture

Skin Corr. 1C; H314, Causes severe skin burns and eye damage.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Dam. 1; H318, Causes serious eye damage.

Carc. 2; H351, Suspected of causing cancer.

Repr. 1B; H360, May damage fertility or the unborn child.

2.2. Label elements

Hazard pictogram(s):

Signal word: Danger

Hazard statement(s): Causes severe skin burns and eye damage. (H314)

May cause an allergic skin reaction. (H317)



Suspected of causing cancer. (H351)

May damage fertility or the unborn child. (H360)

Precautionary statement(s):

General:

Prevention: Obtain special instructions before use. (P201)

Do not handle until all safety precautions have been read

and understood. (P202)

Do not breathe vapor/mist/dust/fume/gas/spray. (P260) Wash hands and exposed skin thoroughly after handling.

(P264)

Contaminated work clothing should not be allowed out of

the workplace. (P272)

Wear face protection/protective gloves/protective clothing.

(P280)

Keep container tightly closed. (P233) Avoid release to the environment. (P273)

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

(P301+P330+P331)

IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water or shower.

(P303+P361+P353)

Take off contaminated clothing and wash it before reuse.

(P362+P364)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing. (P305+P351+P338)

IF exposed or concerned: Get medical advice/attention.

(P308+P313)

Immediately call a POISON CENTER/doctor. (P310)

If skin irritation or rash occurs: Get medical

advice/attention. (P333+P313)

Storage: Store in a well-ventilated place. (P403)

Disposal: Dispose of contents/container in accordance with local

regulation. / in accordance with regional regulation. / in accordance with national regulation. / in accordance

with international regulation.

(P501)

Additional labelling: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.



3.2. Mixtures

CAS No.: 66492-51-1	25-40%	Skin Irrit. 2, H315	
		Skin Sens. 1B, H317	
CAS No.: 84434-11-7	15-25%	Skin Sens. 1B, H317	
CAS No.: 53879-54-2	10-15%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS No.: 13048-33-4	5-10%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
CAS No.: 26570-48-9	5-10%	Eye Irrit. 2, H319	
CAS No.: 2399-48-6	5-10%	1, HHNOC071 Acute Tox. 4, H302 Skin Corr. 1C, H314 Skin Sens. 1B, H317 Eye Dam. 1, H318 Repr. 1B, H360	
CAS No.: 84170-74-1	3-5%	Skin Sens. 1B, H317	
CAS No.: 162881-26-7	3-5%	Skin Sens. 1A, H317	
CAS No.: 15625-89-5	1-3%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Carc. 2, H351	
CAS No.: 5187-23-5	1-3%	Eye Irrit. 2, H319	
CAS No.: 73455-75-1	<0.25%	Eye Irrit. 2, H319	
	CAS No.: 53879-54-2 CAS No.: 13048-33-4 CAS No.: 26570-48-9 CAS No.: 2399-48-6 CAS No.: 162881-26-7 CAS No.: 15625-89-5 CAS No.: 5187-23-5	CAS No.: 53879-54-2 10-15% CAS No.: 13048-33-4 5-10% CAS No.: 26570-48-9 5-10% CAS No.: 2399-48-6 5-10% CAS No.: 84170-74-1 3-5% CAS No.: 162881-26-7 3-5% CAS No.: 15625-89-5 1-3%	CAS No.: 53879-54-2 10-15% Skin Irrit. 2, H315 Eye Irrit. 2, H319 CAS No.: 13048-33-4 5-10% Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 CAS No.: 26570-48-9 5-10% Eye Irrit. 2, H319 CAS No.: 2399-48-6 5-10% 1, HHNOC071 Acute Tox. 4, H302 Skin Corr. 1C, H314 Skin Sens. 1B, H317 Eye Dam. 1, H318 Repr. 1B, H360 CAS No.: 84170-74-1 3-5% Skin Sens. 1B, H317 CAS No.: 15625-89-5 1-3% Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 Carc. 2, H351 CAS No.: 5187-23-5 1-3% Eye Irrit. 2, H319

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.



See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information: If breathing is irregular, drowsiness, loss of consciousness

or cramps: Call 911 and give immediate treatment (first

aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an

unconscious person water or other drink.

Inhalation: Upon breathing difficulties or irritation of the respiratory

tract: Bring the person into fresh air and stay with

him/her.

Skin contact: Remove contaminated clothing and shoes immediately.

Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or

thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact: If in eyes: Flush eyes with plenty of water or salt water

(2030 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during

transport.

Ingestion: If the person is conscious, rinse the mouth with water and

stay with the person. Never give the person anything to

drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid

inhalation of or choking on vomited material.

Burns: Not applicable.

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

Sensitization: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapor or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:



Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.



Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent

leakage.

Recommended storage material: Keep only in original packaging.

Storage conditions: 5 - 30°C

Incompatible materials: No specific requirements

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

toluene

Short term exposure limit (STEL) (NIOSH REL) (ppm): 150

Long term exposure limit (ACGIH TLV) (ppm): 20

ethylbenzene

Short term exposure limit (STEL) (NIOSH REL) (ppm): 125 Long term exposure limit (OSHA Table Z-1) (mg/m³): 435 Long term exposure limit (OSHA Table Z-1) (ppm): 100 Long term exposure limit (ACGIH TLV) (ppm): 20

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular . . .

basis.

General recommendations: Smoking, drinking and consumption of food is not allowed

in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this

product.

Exposure limits: Professional users are subjected to the legally set

maximum concentrations for occupational exposure. See

occupational hygiene limit values above.



Appropriate technical measures: The formation of vapors must be kept at a minimum and

below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is

not sufficient is recommended. Ensure eyewash and

emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are

located within easy reach.

Apply standard precautions during use of the product.

Avoid inhalation of vapors.

Hygiene measures: Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental Keep damming materials near the workplace. If possible,

exposure: collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally: Use only protective equipment with a recognized

certification mark, e.g. the UL mark.

Respiratory Equipment:

Respiratory protection is not needed in the event of adequate ventilation.

In case of insufficient ventilation, wear suitable respiratory equipment. Approved organic vapor respirator



Skin protection:

Dedicated work clothing should be worn.

Hand protection:



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.



Eve protection:

In the likelihood of direct or incidental exposure, use face protection. (EN166)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid Color: Cyan Odor: Faint

Odor threshold (ppm):No data available.pH:Not applicableDensity (g/cm^3) :1.07 (25 °C)

Kinematic viscosity: No data available

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Particle characteristics: Does not apply to liquids.

Phase changes

Melting point/freezing point (°F): No data available.

Softening point/range (°F): Does not apply to liquids.

Boiling point (°F):

Vapor pressure:

Relative vapor density:

Decomposition temperature (°F):

No data available.

No data available.

No data available.

Data on fire and explosion hazards

Flash point (°F):

Flammability (°F):

Auto-ignition temperature (°F):

Explosion limits (% v/v):

Not applicable

No data available.

No data available.

Solubility

Solubility in water: No data available n-octanol/water coefficient (LogKow): No data available. Solubility in fat (g/L): No data available.

9.2. Other information

Sensitivity to shock: No

Other physical and chemical No data available.

parameters:

Oxidizing properties: No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

No specific requirements.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects Acute toxicity

Product/substance hexane-1,6-diol diacrylate

Species: Rat
Route of exposure: Oral
Test: LD50 Result: >5000 mg/kg

Product/substance hexane-1,6-diol diacrylate

Species: Rabbit
Route of exposure: Dermal
Test: LD50 Result: 3650 mg/kg

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Species: Rat Route of exposure: Oral Test: LD50

Result: >2000 mg/kg

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Product/substance hexane-1,6-diol diacrylate

Result: Adverse effect observed (Irritating)

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Result: No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance hexane-1,6-diol diacrylate

Result: Adverse effect observed (Highly irritating)

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Result: No adverse effect observed (Not irritating)

Causes serious eye damage.

Respiratory sensitization

Based on available data, the classification criteria are not met.

Skin sensitization

Product/substance hexane-1,6-diol diacrylate

Result: Adverse effect observed (sensitizing)

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Result: No adverse effect observed (not sensitizing)

May cause an allergic skin reaction.

Germ cell mutagenicity

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Test method: OECD 471 Species: Bacteria

Conclusion: No adverse effect observed



Based on available data, the classification criteria are not met.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Product/substance Propylidynetrimethanol, propoxylated, esters with acrylic acid

Species: Rat Test: NOAEL

Result: >=500 mg/kg bw/day May damage fertility or the unborn child.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapor or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Other information

trimethylolpropane triacrylate has been classified by IARC as a group 2B carcinogen. toluene has been classified by IARC as a group 3 carcinogen. ethylbenzene has been classified by IARC as a group 2B carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance hexane-1,6-diol diacrylate
Species: Fish, Oryzias latipes

Duration: 96 hours
Test: LC50
Result: 0.38 mg/L

Product/substance hexane-1,6-diol diacrylate
Species: Crustacean, Daphnia magna

Duration: 48 hours
Test: EC50
Result: 2.7 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance hexane-1,6-diol diacrylate
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance hexane-1,6-diol diacrylate

LogKow: 2.81 @ 25C

Conclusion: -



12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

toluene is listed with EPA Hazardous Waste Number: U220

Specific labelling Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
DOT	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5ethyl-1,3-dioxan-5-yl)methyl acrylate)	Transport hazard class: 9 Label: 9 Classification code: M6	III	No	Limited quantities: 5 L Tunnel restriction code: (-) See below for additional information.
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5ethyl-1,3-dioxan-5-yl)methyl acrylate)	Transport hazard class: 9 Label: 9 Classification code: M6	III	No	Limited quantities: 5 L EmS: F-A S-F See below for additional information.
IATA	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5ethyl-1,3-dioxan-5-yl)methyl acrylate)	Transport hazard class: 9 Label: 9 Classification code: M6	III	No	See below for additional information.

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* Packing group

** Environmental hazards

Additional information

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of $5\,L$ / $5\,kg$.

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DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport. IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

15.2. U.S. Federal regulations

Clean Air Act:

TSCA (the non-confidential portion): (5-ethyl-1,3-dioxan-5-yl)methyl acrylate is listed

Propylidynetrimethanol, propoxylated, esters with acrylic

acid is listed

hexane-1,6-diol diacrylate is listed 1, 2-Ethanediyl bisacrylate is listed Tetrahydrofurfuryl acrylate is listed

Neopentyl glycol propoxylate diacrylate is listed phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide is

listed

trimethylolpropane triacrylate is listed 5-ethyl-1,3-dioxane-5-methanol is listed

1-Dodecanamine Compounded w/ Cuprate Phthalo

Cmpd. is listed toluene is listed ethylbenzene is listed

toluene is regulated as a hazardous air pollutant (HAPS)

ethylbenzene is regulated as a hazardous air pollutant

(HAPS)

EPCRA Section 302: None of the components are listed EPCRA Section 304: None of the components are listed

EPCRA section 313: toluene is listed

ethylbenzene is listed

N K Œ U P S

CERCLA: toluene is regulated with a Reportable Quantity (RQ) of:

1000 pounds

ethylbenzene is regulated with a Reportable Quantity (RQ)

of: 1000 pounds

Hazardous chemical inventory

reporting:

This product is subject to Tier II reporting.

State regulations

1, 2-Ethanediyl bisacrylate is known to cause: This product California / Prop. 65:

contains, or may contain residual Toluene (CAS No.108-

883) known to the state of California to cause

reproductive toxicity. __

trimethylolpropane triacrylate is known to cause: cancer

toluene is known to cause: Developmental Toxicity

NSRL/MADL (µg/day): 7000 (Level represents absorbed

dose (rounded from 6,525 µg/day)

ethylbenzene is known to cause: Cancer NSRL/MADL (µg/day): 54 (inhalation) 41 (oral)

toluene is listed Massachusetts / Right To Know Act:

ethylbenzene is listed

New Jersey / Right To Know Act:

toluene / Substance number: 1866

toluene is on the Special Health Hazard Substance List

ethylbenzene / Substance number: 0851

ethylbenzene is on the Special Health Hazard Substance

List

toluene is listed toluene is regulated with a Reportable New York / Right To Know Act:

Quantity (RQ) of: 1000 pounds

toluene is regulated with a Threshold Reporting Quantity

(TRQ) of: 0 pounds

ethylbenzene is listed

ethylbenzene is regulated with a Reportable Quantity (RQ)

of: 1000 pounds

ethylbenzene is regulated with a Threshold Reporting

Quantity (TRQ) of: 0 pounds

Pennsylvania / Right To Know Act:

toluene is listed

toluene is hazardous to the environment €

ethylbenzene is listed

ethylbenzene is hazardous to the environment €

15.4. Restrictions for application



Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

Nο

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

1, HHNOC071, Corrosive to the respiratory tract.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H351, Suspected of causing cancer.

H360, May damage fertility or the unborn child.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by

Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods



LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organization for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act SCL

= A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average UN

= United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en