

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

SECTION 1. IDENTIFICATION

Product name : MasterFinish UC 38 lil

Product code : 000000000055514891 000000000055514891

Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC

Address : 23700 Chagrin Blvd
Beachwood OH 44122

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Tele-
phone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Aspiration hazard : Category 1

Flammable liquids : Category 2

Serious eye damage/eye
irritation : Category 1

Germ cell mutagenicity : Category 1B

Carcinogenicity : Category 1B

Specific target organ toxicity : Category 1 (Lung)
- repeated exposure (Inhalation)

Short-term (acute) aquatic
hazard : Category 2

Long-term (chronic) aquatic
hazard : Category 2

GHS label elements

SAFETY DATA SHEET



MasterFinish UC 38 Iil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

H225 Highly flammable liquid and vapor.
H318 Causes serious eye damage.
H304 May be fatal if swallowed and enters airways.
H350 May cause cancer.
H340 May cause genetic defects.
H372 Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

:

Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201 Obtain special instructions before use.
P273 Avoid release to the environment.
P243 Take action to prevent static discharges.
P260 Do not breathe dusts or mists.
P202 Do not handle until all safety precautions have been read and understood.
P270 Do not eat, drink or smoke when using this product.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P242 Use only non-sparking tools.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P391 Collect spillage.
P331 Do NOT induce vomiting.
P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
P310 Immediately call a POISON CENTER or doctor/ physician.

Storage:

P405 Store locked up.
P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container to appropriate hazardous

SAFETY DATA SHEET

MasterFinish UC 38 lil

Version 2.1 Revision Date: 09/15/2023 SDS Number: 000000260646 Date of last issue: 08/15/2023
Date of first issue: 01/24/2023

waste collection point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
Citric acid	77-92-9	$\geq 7 - < 10$
octane	111-65-9	$\geq 0.3 - < 1$
heptane	142-82-5	$\geq 0.3 - < 1$
Quartz (SiO ₂)	14808-60-7	$\geq 10 - < 15$
Solvent naphtha (petroleum), light aliph.	64742-89-8	$\geq 25 - < 50$
Titanium dioxide	13463-67-7	$\geq 3 - \leq 5$
Iron oxide	1309-37-1	$\geq 0.3 - \leq 3$

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms : May be fatal if swallowed and enters airways.

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

and effects, both acute and delayed

Causes serious eye damage.
May cause genetic defects.
May cause cancer.
Causes damage to organs through prolonged or repeated exposure if inhaled.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Foam
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version 2.1 Revision Date: 09/15/2023 SDS Number: 000000260646 Date of last issue: 08/15/2023
Date of first issue: 01/24/2023

Advice on protection against fire and explosion : Product is not explosive.

Do not spray on a naked flame or any incandescent material.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).
Use only explosion-proof equipment.
Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
Protect from direct sunlight.

Materials to avoid : Observe TRGS 509/510 storage rules.

Recommended storage temperature : 32 °F / 0 °C

Further information on storage stability : Minimum storage temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
octane	111-65-9	TWA	75 ppm 350 mg/m3	NIOSH REL

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version
2.1Revision Date:
09/15/2023SDS Number:
000000260646Date of last issue: 08/15/2023
Date of first issue: 01/24/2023

		C	385 ppm 1,800 mg/m3	NIOSH REL
		TWA	500 ppm 2,350 mg/m3	OSHA Z-1
		TWA	300 ppm 1,450 mg/m3	OSHA P0
		STEL	375 ppm 1,800 mg/m3	OSHA P0
		TWA	300 ppm	ACGIH
heptane	142-82-5	C	440 ppm 1,800 mg/m3	NIOSH REL
		TWA	85 ppm 350 mg/m3	NIOSH REL
		TWA	500 ppm 2,000 mg/m3	OSHA Z-1
		TWA	400 ppm 1,600 mg/m3	OSHA P0
		STEL	500 ppm 2,000 mg/m3	OSHA P0
		TWA	400 ppm	ACGIH
		STEL	500 ppm	ACGIH
Iron oxide	1309-37-1	TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REL
		TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REL
		TWA (Fumes)	10.000000 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA P0
		TWA (Fumes)	10 mg/m3	OSHA P0
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0

SAFETY DATA SHEET

MasterFinish UC 38 lil

Version 2.1 Revision Date: 09/15/2023 SDS Number: 000000260646 Date of last issue: 08/15/2023
Date of first issue: 01/24/2023

		TWA (Respirable particulate matter)	0.2 mg/m3 (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	2.5 mg/m3 (Titanium dioxide)	ACGIH
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.
Use NIOSH approved respiratory protection.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures : When using do not eat or drink.

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	pigmented
Odor	:	aromatic, fruity
Odor Threshold	:	No data available
pH	:	slightly alkaline
Melting point	:	No applicable information available.
Boiling point	:	244 °F / 118 °C
Flash point	:	50 °F / 10 °C
Evaporation rate	:	No applicable information available.
Flammability (solid, gas)	:	Highly flammable. Method: derived from flash point
Upper explosion limit / Upper flammability limit	:	No data available.
Lower explosion limit / Lower flammability limit	:	No data available.
Vapor pressure	:	No data available
Relative vapor density	:	Heavier than air.
Relative density	:	No applicable information available.
Density	:	approx. 1.1 g/cm ³ (68 °F / 20 °C)
Solubility(ies)		
Water solubility	:	slightly soluble
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	Not applicable
Decomposition temperature	:	No decomposition if stored and handled as pre-

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

scribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive
Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation temperature : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.
Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

Product:

Remarks : Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Product:

May also damage the lung at swallowing (aspiration hazard).

Further information

Product:

Remarks : Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

Persistence and degradability

No data available

Bioaccumulative potential**Components:****octane:**

Partition coefficient: n-octanol/water : log Pow: 5.2 (77 °F / 25 °C)

heptane:Partition coefficient: n-octanol/water : log Pow: 4.66 (77 °F / 25 °C)
Remarks: Information taken from reference works and the literature.**Solvent naphtha (petroleum), light aliph.:**Partition coefficient: n-octanol/water : log Pow: 2.4 - 5.7 (73 °F / 23 °C)
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: yes
Remarks: Based on data from similar materials**Mobility in soil**

No data available

Other adverse effects**Product:**Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.
Toxic to aquatic life with long lasting effects.**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues	: Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SAFETY DATA SHEET



MasterFinish UC 38 II

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

SECTION 14. TRANSPORT INFORMATION

International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

Iron oxide	1309-37-1
Titanium dioxide	13463-67-7
Quartz (SiO ₂)	14808-60-7

New Jersey Right To Know

Iron oxide	1309-37-1
Titanium dioxide	13463-67-7
Quartz (SiO ₂)	14808-60-7

California Prop. 65

WARNING: This product can expose you to chemicals including benzene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Further information

SAFETY DATA SHEET

MasterFinish UC 38 lil

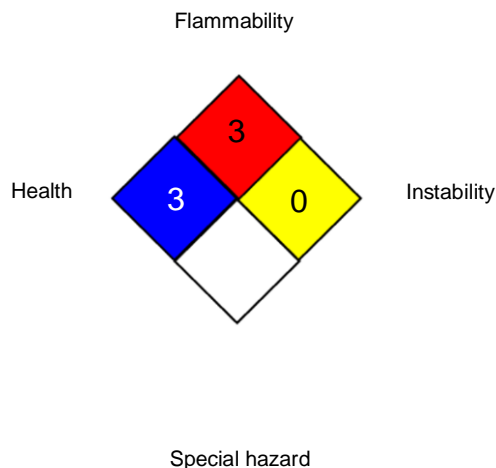
Version
2.1

Revision Date:
09/15/2023

SDS Number:
000000260646

Date of last issue: 08/15/2023
Date of first issue: 01/24/2023

NFPA 704:



HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	: USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / STEL	: Short-term exposure limit
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / C	: Ceiling value not be exceeded at any time.
OSHA P0 / TWA	: 8-hour time weighted average
OSHA P0 / STEL	: Short-term exposure limit
OSHA Z-1 / TWA	: 8-hour time weighted average
OSHA Z-3 / TWA	: 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -

SAFETY DATA SHEET



MasterFinish UC 38 lil

Version	Revision Date:	SDS Number:	Date of last issue: 08/15/2023
2.1	09/15/2023	000000260646	Date of first issue: 01/24/2023

Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 09/15/2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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