NAZDAR
INK TECHNOLOGIES

SAFETY DATA SHEET

Published Date	Revision Date	Revision Number
Nov-27-2023	Nov-27-2023	2.8

1. IDENTIFICATION

Product identifier

Product code **3563**

Product name **Rubine Red**

Product category **3500 Series UV Screen Ink**

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Industrial Printing Operations

Details of the supplier of the safety data sheet

UNITED STATES
Nazdar Company
8501 Hedge Lane Terrace
Shawnee, KS 66227
Tel: +001-913-422-1888
Tel: +001-800-677-4657
Fax: +001-913-422-2294
www.nazdar.com

UNITED KINGDOM
Nazdar Limited
Barton Road
Heaton Mersey
Stockport, England SK4 3EG
Tel: +44 161 442 2111

Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1 - (H317)
Reproductive toxicity	Category 1B - (H360FD)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)
Chronic aquatic toxicity	Category 2 - (H411)

Label elements

Signal word
Danger

Hazard statements
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H360FD - May damage fertility. May damage the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure
H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements
P201 - Obtain special instructions before use
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Causes mild skin irritation. Harmful to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS No.	Weight-%	Trade secret	Note
Glycol Ether Acrylate	Not Available	30 - 60	*	
Vinyl Functional Monomer	Not Available	10 - 30	*	
Titanium Dioxide	13463-67-7	1 - 5	*	
Glycol Ether Acrylate	Not Available	1 - 5	*	
Photoinitiator	Not Available	1 - 5	*	
Photoinitiator	Not Available	1 - 5	*	
Acrylated Monomer	Not Available	0.1 - < 1	*	
Photoinitiator	Not Available	0.1 - < 1	*	
Acrylated Monomer	Not Available	0.1 - < 1	*	
Phosphated alkylamine	Not Available	0.1 - < 1	*	
Isobutyl alcohol	78-83-1	0.1 - < 1	*	
Ethyl benzene (constituent)	100-41-4	0.1 - < 1	*	1
Glycol Ether Acrylate	Not Available	0.1 - < 1	*	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Note
1. Hazardous Constituent contained in Complex Substance(s) required for disclosure

4. FIRST-AID MEASURES

Description of first aid measures

General Advice Show this safety data sheet to the doctor in attendance.
Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
Skin Contact Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.
Inhalation Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.
Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed
None under normal use conditions.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
No information available.

Specific Hazards Arising from the Chemical
Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions. Hazardous polymerization may take place during a fire due to heat. Closed containers could violently rupture.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions
Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Local authorities should be advised if significant spillages cannot be contained.

Methods and material 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). Use clean non-sparking tools to collect absorbed material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Storage Keep at temperatures between 18°-32°C (65°-90°F). Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep out of the reach of children. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Products Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Chemical name	ACGIH TLV
Titanium Dioxide	TWA: 0.2 mg/m³ nanoscale respirable particulate matter

13463-67-7	TWA: 2.5 mg/m³ finescale respirable particulate matter
Isobutyl alcohol 78-83-1	TWA: 50 ppm
Ethyl benzene (constituent) 100-41-4	TWA: 20 ppm

Chemical name	**OSHA PEL**
Titanium Dioxide 13463-67-7	TWA: 15 mg/m³ total dust
Isobutyl alcohol 78-83-1	TWA: 100 ppm TWA: 300 mg/m³
Ethyl benzene (constituent) 100-41-4	TWA: 100 ppm TWA: 435 mg/m³

Chemical name	**OSHA PEL (vacated)**
Titanium Dioxide 13463-67-7	TWA: 10 mg/m³ total dust
Isobutyl alcohol 78-83-1	TWA: 50 ppm TWA: 150 mg/m³
Ethyl benzene (constituent) 100-41-4	TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³

Chemical name	**Ontario TWAEV**
Titanium Dioxide 13463-67-7	TWA: 10 mg/m³
Isobutyl alcohol 78-83-1	TWA: 50 ppm
Ethyl benzene (constituent) 100-41-4	TWA: 20 ppm
Glycol Ether Acrylate	TWA: 25 ppm TWA: 141 mg/m³ Skin

Chemical name	**Mexico OEL (TWA)**
Titanium Dioxide 13463-67-7	TWA/VLE-PPT: 10 mg/m³
Isobutyl alcohol 78-83-1	TWA/VLE-PPT: 50 ppm
Ethyl benzene (constituent) 100-41-4	TWA/VLE-PPT: 20 ppm

Appropriate engineering controls

Engineering Measures Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles). If splashes are likely to occur:. Wear suitable face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Hand Protection Chemical resistant protective gloves.
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time): eg. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers. Taking into account the varying conditions, the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
Due to different glove types, the manufacturer's directions for use should be observed. Replace gloves immediately when torn or any change in appearance is noticed such as dimension, color, flexibility.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	**Appearance**	Colored
Odor	Sweet Mild Acrylic	**Odor Threshold**	No information available

Property	**Values**	**Remarks • Method**
pH		No data available
Melting Point / Freezing Point	No information available	No data available
Boiling Point / Boiling Range	> 149 °C / 300 °F	
Flash Point	> 94 °C / > 201 °F	Pensky Martens Closed Cup (PMCC)
Evaporation rate		No data available
Flammability Limit in Air		
Upper flammability limit		No data available
Lower flammability limit		No data available
Vapor Pressure		No data available
Vapor Density		No data available
Specific Gravity	1.13	
Water Solubility		No data available
Solubility in other solvents		No data available
Partition coefficient: n-octanol/water		No data available
Autoignition Temperature	No information available	No data available
Hyphen		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available

Explosive Properties No data available
Oxidizing Properties No data available

Other information

Photochemically Reactive No
Weight Per Gallon (lbs/gal) 9.42

VOC by weight % (less water)	VOC by volume % (less water)	VOC lbs/gal (less water)	VOC grams/liter (less water)
0-1	No information available	0-1	7.21

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability
Stable under normal conditions.

Possibility of hazardous reactions
None under normal processing. Do not store for longer periods at temperatures above 93°C (200°F).

Conditions to avoid
Temperatures above 93 °C / 200 °F. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials
Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

Hazardous decomposition products
Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO2). Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Chemical name	Oral LD50
Glycol Ether Acrylate	= 4660 µL/kg (Rat)
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)
Isobutyl alcohol 78-83-1	= 2460 mg/kg (Rat)
Ethyl benzene (constituent) 100-41-4	= 3500 mg/kg (Rat)
Glycol Ether Acrylate	= 1850 mg/kg (Rat)

Chemical name	Dermal LD50
Vinyl Functional Monomer	= 1700 mg/kg (Rabbit)
Glycol Ether Acrylate	> 2000 mg/kg (Rabbit) 1000 - 2000 mg/kg (Rabbit)
Photoinitiator	> 2000 mg/kg (Rat)
Photoinitiator	> 2000 mg/kg (Rat)
Acrylated Monomer	> 13200 mg/kg (Rabbit)
Photoinitiator	> 2000 mg/kg (Rat)
Acrylated Monomer	> 2000 mg/kg (Rabbit)
Phosphated alkylamine	= 380 mg/kg (Rat)
Isobutyl alcohol 78-83-1	= 3400 mg/kg (Rabbit)
Ethyl benzene (constituent) 100-41-4	= 15400 mg/kg (Rabbit)
Glycol Ether Acrylate	= 5 mL/kg (Rabbit)

Chemical name	Inhalation LC50
Vinyl Functional Monomer	> 1.6 mg/L (Rat) 8 h
Titanium Dioxide 13463-67-7	= 5.09 mg/L (Rat) 4 h
Isobutyl alcohol 78-83-1	> 18.18 mg/L (Rat) 6 h
Ethyl benzene (constituent) 100-41-4	= 17.4 mg/L (Rat) 4 h
Glycol Ether Acrylate	> 0.057 mg/L (Rat) 8 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Specific test data for the substance or mixture is not available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Specific test data for the substance or mixture is not available.
Eye damage/irritation Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components).
Irritation Specific test data for the substance or mixture is not available.
Corrosivity Specific test data for the substance or mixture is not available.
Sensitization Specific test data for the substance or mixture is not available. May cause an allergic skin reaction. (based on components).
Mutagenic Effects Specific test data for the substance or mixture is not available.
Carcinogenic effects Specific test data for the substance or mixture is not available.
Reproductive Effects Specific test data for the substance or mixture is not available. May damage fertility. May damage the unborn child. (based on components).
STOT - single exposure Specific test data for the substance or mixture is not available.
STOT - repeated exposure Specific test data for the substance or mixture is not available. Causes damage to organs through prolonged or repeated exposure. (based on components).
Chronic Toxicity Specific test data for the substance or mixture is not available
Target organ effects Liver, Respiratory system.
Aspiration hazard Specific test data for the substance or mixture is not available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH
Titanium Dioxide 13463-67-7	A3
Ethyl benzene (constituent) 100-41-4	A3

Chemical name	IARC
Titanium Dioxide 13463-67-7	Group 2B
Ethyl benzene (constituent) 100-41-4	Group 2B

Chemical name	OSHA
Titanium Dioxide 13463-67-7	X
Ethyl benzene (constituent) 100-41-4	X

Numerical measures of toxicity - Product Information

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 2,679.80 mg/kg

ATEmix (dermal)	9,248.10 mg/kg
ATEmix (inhalation-gas)	99,999.00
ATEmix (inhalation-dust/mist)	99,999.00
ATEmix (inhalation-vapor)	99,999.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

Specific test data for the substance or mixture is not available. Toxic to aquatic life with long lasting effects. (based on components).

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants
Ethyl benzene (constituent) 100-41-4	72h EC50 Pseudokirchneriella subcapitata: = 4.6 mg/L 96h EC50 Pseudokirchneriella subcapitata: > 438 mg/L 72h EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L static 96h EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L static
Glycol Ether Acrylate	72h EC50 Desmodesmus subspicatus: > 500 mg/L

Chemical name	Fish
Vinyl Functional Monomer	96h LC50 Danio rerio: = 307 mg/L (static)
Photoinitiator	96h LC50 Danio rerio: = 9 mg/L (static)
Photoinitiator	96h LC50 Danio rerio: = 0.46 mg/L (semi-static)
Acrylated Monomer	96h LC50 Danio rerio: = 1.95 mg/L (static)
Acrylated Monomer	96h LC50 Danio rerio: = 5.74 mg/L (static)
Isobutyl alcohol 78-83-1	96h LC50 Pimephales promelas: = 375 mg/L (static) 96h LC50 Pimephales promelas: 1370 - 1670 mg/L (flow-through) 96h LC50 Lepomis macrochirus: 1480 - 1730 mg/L (flow-through) 96h LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L (flow-through)
Ethyl benzene (constituent) 100-41-4	96h LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L (static) 96h LC50 Oncorhynchus mykiss: = 4.2 mg/L (semi-static) 96h LC50 Pimephales promelas: 7.55 - 11 mg/L (flow-through) 96h LC50 Lepomis macrochirus: = 32 mg/L (static) 96h LC50 Pimephales promelas: 9.1 - 15.6 mg/L (static) 96h LC50 Poecilia reticulata: = 9.6 mg/L (static)
Glycol Ether Acrylate	96h LC50 Pimephales promelas: 337 - 352 mg/L (flow-through) 96h LC50 Pimephales promelas: = 366 mg/L (static)

Chemical name	Crustacea
Isobutyl alcohol 78-83-1	48h EC50 Daphnia magna: = 1300 mg/L 48h EC50 Daphnia magna: 1070 - 1933 mg/L Static
Ethyl benzene (constituent) 100-41-4	48h EC50 Daphnia magna: 1.8 - 2.4 mg/L
Glycol Ether Acrylate	48h EC50 Daphnia magna: > 500 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Chemical name	Partition coefficient

Isobutyl alcohol 78-83-1	0.79
Ethyl benzene (constituent) 100-41-4	3.2
Glycol Ether Acrylate	1.13

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods Contain and dispose of waste according to local regulations.

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Note: This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

DOT Not regulated
Exception: In the US and Canada except when all or part of the transportation is by vessel, containers 119 gallons/ 450 Liters and less are not regulated [see 49CFR 171.4 (c)(1)]

49CFR 171.4 (c)(2) applies only to marine pollutants. These items may be shipped as "not regulated" and no marine pollutant mark is required if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards [see 49CFR 173.24 for general packaging requirements].

ICAO / IATA / IMDG / IMO Not Regulated
ICAO/IATA Special Provision A197 applies only to environmentally hazardous substances, UN3077 and UN3082. These items may be shipped as "not regulated" if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.

IMDG code 2.10.2.7 applies only to marine pollutants. These items may be shipped as "not regulated" and no marine pollutant mark is required if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.

15. REGULATORY INFORMATION

International Inventories
All substances are listed as ACTIVE on the TSCA Inventory. For further information, please contact:. Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Glycol Ether Acrylate	Not Available	30 - 60	1.0
Glycol Ether Acrylate	Not Available	1 - 5	1.0
Ethyl benzene (constituent)	100-41-4	0.1 - < 1	0.1

The above glycol ether acrylate is considered a reactive chemical in ultraviolet curable inks. Once initiated by a high dose of ultraviolet light, this glycol ether acrylate rapidly polymerizes (i.e. hardens) and becomes part of the ink film. The polymerization process of UV curable inks is measured in milliseconds.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:.

Chemical name	CAS No.	Weight-%
Glycol Ether Acrylate	Not Available	30 - 60
Glycol Ether Acrylate	Not Available	1 - 5
Xylenes (o-, m-, p- isomers)	1330-20-7	0.1 - < 1
Ethyl benzene (constituent)	100-41-4	0.1 - < 1
Glycol Ether Acrylate	Not Available	0.1 - < 1

US State Regulations

Chemical name	Massachusetts
Titanium Dioxide 13463-67-7	X
Isobutyl alcohol 78-83-1	X
Ethyl benzene (constituent) 100-41-4	X

Chemical name	Minnesota Right To Know
Titanium Dioxide 13463-67-7	X
Isobutyl alcohol 78-83-1	X
Ethyl benzene (constituent) 100-41-4	X

Chemical name	New Jersey
Glycol Ether Acrylate	X
Titanium Dioxide 13463-67-7	X
Glycol Ether Acrylate	X
Isobutyl alcohol 78-83-1	X
Ethyl benzene (constituent) 100-41-4	X
Glycol Ether Acrylate	X

Chemical name	Pennsylvania
Glycol Ether Acrylate	X
Titanium Dioxide 13463-67-7	X
Glycol Ether Acrylate	X
Isobutyl alcohol 78-83-1	X
Ethyl benzene (constituent) 100-41-4	X

Glycol Ether Acrylate	X

California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm

Chemical name	California Proposition 65
Titanium Dioxide	Carcinogen
Ethyl benzene (constituent)	Carcinogen

Canada

Chemical name	NPRI - National Pollutant Release Inventory
Isobutyl alcohol 78-83-1	Part 1, Group A Substance Part 4 Substance - Criteria Air Contaminants
Ethyl benzene (constituent) 100-41-4	Part 1, Group A Substance Part 4 Substance - Criteria Air Contaminants
Glycol Ether Acrylate	Part 4 Substance - Criteria Air Contaminants

16. OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value

ACGIH: (American Conference of Governmental Industrial Hygienists)
A1 - Known Human Carcinogen
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP: (National Toxicity Program)
Known - Known Carcinogen
Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Revision Date Nov-27-2023

Pursuant to NOM-018-STPS-2015

This information within is considered correct but is not exhaustive and will be used for guidance only, which is based on the current knowledge of the substance or mixture and is applicable to the appropriate safety precautions for the product.

Disclaimer

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.

End of Safety Data Sheet