

Choke and Carb

SDS Number: A45B

Revision Date: 7/31/2018

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
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Web: www.wechem.com

Product Identifier: Choke and Carb
SDS Number: A45B
Product Code: A45
Revision Date: 7/31/2018
Product Use: Choke and Carburetor Cleaner

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1
Health, Specific target organ toxicity - Repeated exposure, 2
Health, Reproductive toxicity, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H222 - Extremely flammable aerosol
H373 - May cause damage to organs through prolonged or repeated exposure
H361 - Suspected of damaging fertility or the unborn child.
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H412 - Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe gas.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.

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- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P308+313 - IF exposed or concerned: Get medical advice/attention.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P337 - If eye irritation persists: Get medical advice/attention.
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- P403+233 - Store in a well ventilated place. Keep container tightly closed.
- P405 - Store locked up.
- P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

- Route of Entry:** Inhnlation,eye,skin, ingestion.
- Target Organs:** Respiratory system. Skin. Kidneys. Central Nervous system. Eyes. Liver with prolonged or repeated exposure.
- Inhalation:** May cause damage to organs through prolonged or repeated exposure. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
- Skin Contact:** No adverse effects due to skin contact are expected.
- Eye Contact:** Causes serious eye irritation.
- Ingestion:** Expected to be a low ingestion hazard.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Ingredients		
CAS#	%	Chemical Name
67-64-1	80-90%	Acetone
124-38-9	2.5-10%	Carbon dioxide
108-88-3	2.5-10%	Toluene

4	FIRST AID MEASURES
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- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion:** In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swellinn, and blurred vision. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5	FIRE FIGHTING MEASURES
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- Flammability:** Extremely Flammable Aerosol
- Flash Point:** -156.0 °F (-104.4 °C) Propellant estimated
- Autoignition Temp:** 871.7 °F (466.5 °C) estimated

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Extinguishing media: Powder. Alcohol resistant foam. Carbon dioxide (CO₂). Do not use a solid water stream as it may scatter and spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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HANDLING AND STORAGE**Handling Precautions:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Level 2 Aerosol.

Storage Requirements:

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Level 2 Aerosol.

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EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be

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matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal Protective Equipment:

HMIS PP, B | Goggles, Gloves
Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Protective gloves: For prolonged or repeated skin contact use suitable protective gloves.
Eye protection: Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Wear suitable protective clothing. Use of an impervious apron is recommended.

Wear appropriate thermal protective clothing, when necessary.

Observe any medical surveillance requirements. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Acetone cas#:(67-64-1) [80-90%]

Components with workplace control parameters

TWA 500 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects
Substances for which there is a Biological Exposure Index or Indices (see BEI section)
Not classifiable as a human carcinogen

STEL 750 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects
Substances for which there is a Biological Exposure Index or Indices (see BEI section)
Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.

TWA 1,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

The value in mg/m3 is approximate.

TWA 250 ppm USA. NIOSH Recommended Exposure Limits

TWA 750 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

Carbon dioxide cas#:(124-38-9) [2.5-10%]

Components with workplace control parameters

TWA 5,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

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STEL 30,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

TWA 10,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
18,000 mg/m3 1910.1000
Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
54,000 mg/m3 1910.1000

TWA 5,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
9,000 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 5,000 ppm USA. NIOSH Recommended Exposure Limits
9,000 mg/m3
Normal constituent of air (about 300 ppm).

ST 30,000 ppm USA. NIOSH Recommended Exposure Limits
54,000 mg/m3
Normal constituent of air (about 300 ppm).

Toluene cas#:(108-88-3) [2.5-10%]

Components with workplace control parameters

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for
375 mg/m3 Air Contaminants - 1910.1000

STEL 150 ppm USA. OSHA - TABLE Z-1 Limits for
560 mg/m3 Air Contaminants - 1910.1000

TWA 200 ppm USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

CEIL 300 ppm USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

Peak 500 ppm USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

TWA 20 ppm USA. ACGIH Threshold Limit Values
(TLV)

Visual impairment
Female reproductive
Pregnancy loss
2010 Adoption
Substances for which there is a Biological Exposure Index or Indices
(see BEI section)
Not classifiable as a human carcinogen

TWA 100 ppm USA. NIOSH Recommended
375 mg/m3 Exposure Limits

ST 150 ppm USA. NIOSH Recommended
560 mg/m3 Exposure Limits

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9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Aerosol	Odor:	Not available
Physical State:	Gas	Freezing/Melting Pt.:	NA
Spec Grav./Density:	0.806 g/cm3 estimated	Flash Point:	-156.0 °F (-104.4 °C) Propellant estimated
Viscosity:	NA	Vapor Density:	Not available
Boiling Point:	119.51 °F (48.62 °C) estimated	VOC:	9.5% estimated
Vapor Pressure:	60-70 psig @ 70 F estimated	Auto-Ignition Temp:	871.7 °F (466.5 °C) estimated
pH:	Not applicable	UFL/LFL:	12.2% / 2.5% estimated

10	STABILITY AND REACTIVITY
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Reactivity:	This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Material is stable under normal conditions.
Conditions to Avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to Avoid:	Acids. Strong oxidizing agents. Aluminum.
Hazardous Decomposition:	No hazardous decomposition products are known.
Hazardous Polymerization:	Does not occur.

11	TOXICOLOGICAL INFORMATION
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Ingestion	Expected to be a low ingestion hazard.
Inhalation	May cause damage to organs through prolonged or repeated exposure. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	

14 OZ CHOKE & CARB (CAS Mixture)
Acute

Dermal	LD50 16312 mg/kg, (Rat)
Inhalation	LC50 40 mg/l, 4 hrs (Rat)
Oral	LD50 4.4 ml/kg estimated (Rat)

Components

Acetone (CAS 67-64-1)	
Dermal	LD50 >7426 mg/kg, 24 hours (Guinea pig)
	LD50 >9.4 ml/kg, 24 hours (Guinea pig)
	LD50 >7426 mg/kg, 24 hours (Rabbit)
	LD50 >9.4 ml/kg, 24 hours (Rabbit)
Inhalation	LC50 55700 ppm, 3 hours (Rat)
	LC50 132 mg/l, 3 hours (Rat)
	LC50 50.1 mg/l

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Oral LD50 5800 mg/kg (Rat)
 LD50 2.2 ml/kg (Rat)

Toluene (CAS 108-88-3)
 Dermal LD50 >5000 mg/kg, 24 hours (Rabbit)
 Inhalation LC50 6405-7436 ppm, 6 hours (Mouse)
 LC50 5320 ppm, 8 hours (Mouse)
 LC50 5879-6281 ppm, 6 hours (Rat)
 LC50 12.5-28.8 mg/l, 4 hours (Rat)
 Oral LD50 5000 mg/kg (Rat)

This product is not a respiratory sensitizer.
 This product is not expected to cause skin sensitization.
 No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
 This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity: Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans. Suspected of damaging fertility or the unborn child.
 May cause drowsiness and dizziness. Narcotic effects.
 Respiratory system. Skin. Kidneys. Central Nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Not likely, due to the form of the product.
Chronic effects: Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.

12	ECOLOGICAL INFORMATION
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Ecotoxicity: Harmful to aquatic life with long lasting effects.

14 OZ CHOKE & CARB (CAS Mixture)

Aquatic
 Algae IC50 2150 mg/L, 72hrs (Algae)
 Crustacea EC50 38.2328 mg/L, 48 hrs (Daphnia)
 Fish LC50 123 mg/L, 96hrs (Fish)

Components

Acetone (CAS 67-64-1)
 Crustacea EC50 21.6-23.9 mg/l 48 hrs Water flea (Daphnia magna)
 Fish LC50 4740-6330 mg/l 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

Toluene (108-88-3)

Algae IC50 433.0001 mg/L, 72 hours (Algae)
 Crustacea EC50 7.645 mg/L, 48 hours Daphnia
 EC50 5.46-9.83 mg/l, 48 hours Water flea (Daphnia magna)
 Fish LC50 8.11 mg/l, 96 hours Coho salmon, silver salmon (Oncorhynchus kisutch)

No data is available on the degradability of this product.
 Bioaccumulative potential: No data available
 Partition coefficient n-octanol/water (log Kow)

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Acetone -0.24
Toluene 2.73

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13	DISPOSAL CONSIDERATIONS
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Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14	TRANSPORT INFORMATION
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DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No

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ERG Code 10L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling. R
Other information
Passenger and cargo aircraft Allowed with restrictions.
Cargo aircraft only Allowed with restrictions.
Packaging Exceptions LTD QTY

IMDG
UN number UN1950
UN proper shipping name AEROSOLS
Transport hazard class(es)
Class 2.1
Subsidiary risk -
Label(s) 2.1
Packing group Not applicable.
Environmental hazards
Marine pollutant **No**
EmS F-D, S-U
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

RQ(5000LBS), Acetone (67-64-1) [80-90%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

Carbon dioxide (124-38-9) [2.5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

RQ(1000LBS), Toluene (108-88-3) [2.5-10%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm. Toluene (CAS 108-88-3).

Regulatory CODE Descriptions

- RQ = Reportable Quantity
- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHA = OSHA workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- TXHWL = TX Hazardous Waste List
- CSWHS = Clean Water Act Hazardous substances
- EPCRAWPC = EPCRA Water Priority Chemicals
- GADSL = Global Automotive Declarable Substance List (GADSL)
- PRIPOL = Clean Water Act Priority Pollutants
- PROP65 = CA Prop 65
- SARA313 = SARA 313 Title III Toxic Chemicals
- TOXICPOL = Clean Water Act Toxic Pollutants

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OTHER INFORMATION

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.

N/A = Not available N/D = Not determined