SAFETY DATA SHEET

1. Identification

Product identifier Abrasive Cut-Off Wheels

Other means of identification

06236 SDS number

Part Number 808-673, 808-674, 808-675, 810-309-010, 810-310-010, 810-311-010, 810-313-010, 810-314-010,

811-546, 811-980-010, 812-231, 812-232, 833-101-506, 833-101-507, 833-101-508

Recommended use Use in accordance with supplier's recommendations.

None known. Recommended restrictions

Manufacturer/Importer/Supplier/Distributor information

Supplier

Company name **LECO Corporation Address** 3000 Lakeview Avenue St. Joseph, MI 49085

> **United States** 269-983-5531

Telephone Website www.leco.com E-mail info@leco.com

Emergency phone number Chemtrec: 800-424-9300

Chemtrec Int'l: 703-527-3887

2. Hazard(s) identification

Not classified. Physical hazards Not classified. **Health hazards** Not classified. **Environmental hazards OSHA** defined hazards Not classified.

Label elements

None. **Hazard symbol** Signal word None.

The mixture does not meet the criteria for classification. **Hazard statement**

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Aluminium oxide		1344-28-1	0 - 95
SILICON CARBIDE		409-21-2	0 - 95
Zirconia Oxide		1314-23-4	0 - 80
Cured Phenolic Resin		N/A	1 - 30
Cured Rubber Compounds		N/A	1 - 20
Iron Pyrite		12068-85-8	0 - 20
Woven Fiberglass		N/A	0 - 15
Sulfur		7704-34-9	0 - 15

Material name: Abrasive Cut-Off Wheels

Chemical name	Common name and synonyms	CAS number	%
Cryolite		15096-52-3	1 - 10
Cured Epoxy Resin		N/A	1 - 10
MANGANESE CHLORIDE		7773-01-5	1 - 10
Titanium Dioxide		13463-67-7	0 - 5
Calcium Carbonate		1317-65-3	0 - 5
CALCIUM OXIDE		1305-78-8	0 - 5
Potassium Aluminum Fluoride		14484-69-6	0 - 5
Potassium Fluoroborate		14075-53-7	0 - 5
Iron Oxide		1309-37-1	0 - 5
CARBON BLACK		1333-86-4	0 - 5

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Dusts may irritate the respiratory tract, skin and eyes.

Rinse with water. Get medical attention if irritation develops and persists. Eye contact

Not likely, due to the form of the product. Ingestion

Most important

symptoms/effects, acute and delayed

Indication of immediate

medical attention and special

treatment needed

Treat symptomatically.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

the chemical

During fire, gases hazardous to health may be formed.

Use water spray to cool unopened containers.

Special protective equipment and precautions for firefighters

Specific hazards arising from

Fire fighting

equipment/instructions

Specific methods

Use fire-extinguishing media appropriate for surrounding materials.

Do not use water jet as an extinguisher, as this will spread the fire.

No unusual fire or explosion hazards noted. General fire hazards

6. Accidental release measures

Personal precautions. protective equipment and emergency procedures

Ensure adequate ventilation.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.

Environmental precautions

Avoid release to the environment.

7. Handling and storage

Precautions for safe handling

Provide adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Use care in handling/storage.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Use standard firefighting procedures and consider the hazards of other involved materials.

Conditions for safe storage, including any incompatibilities Store in tightly closed container. Store in a well-ventilated place.

8. Exposure controls/personal protection

Occupational exposure limits

JS. OSHA Table Z-1 Limits for Air Conta Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Calcium Carbonate (CAS I317-65-3)	PEL	5 mg/m3	Respirable fraction.
,		15 mg/m3	Total dust.
CALCIUM OXIDE (CAS 1305-78-8)	PEL	5 mg/m3	
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m3	
Cryolite (CAS 15096-52-3)	PEL	2.5 mg/m3	
ron Oxide (CAS 1309-37-1)	PEL	10 mg/m3	Fume.
MANGANESE CHLORIDE CAS 7773-01-5)	Ceiling	5 mg/m3	
SILICON CARBIDE (CAS 409-21-2)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
Zirconia Oxide (CAS I314-23-4)	PEL	5 mg/m3	
JS. OSHA Table Z-2 (29 CFR 1910.1000) Components	Туре	Value	Form
Cryolite (CAS 15096-52-3)	TWA	2.5 mg/m3	Dust.
JS. OSHA Table Z-3 (29 CFR 1910.1000)		-	
Components	Туре	Value	Form
Aluminium oxide (CAS 344-28-1)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
on Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
SILICON CARBIDE (CAS .09-21-2)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
ītanium Dioxide (CAS 3463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
		E / 0	Respirable fraction.
	TWA	5 mg/m3	rtoophablo haddon.
	TWA	5 mg/m3 15 mg/m3	Total dust.
Zirconia Oxide (CAS 1314-23-4)	TWA	-	•

344-28-1	Components	Туре	Value	Form
305-78-8	Aluminium oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
	CALCIUM OXIDE (CAS 1305-78-8)	TWA	2 mg/m3	
MANGANESE CHLORIDE	CARBON BLACK (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
CAS 7773-01-5	Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction
STEL 6 mg/m3	MANGANESE CHLORIDE (CAS 7773-01-5)	TWA	0.1 mg/m3	Inhalable fraction.
CAS 14075-53-7) TWA 2 mg/m3 Inhalable fraction. SILICON CARBIDE (CAS TWA 0.1 fibers/cm3 Fiber. 3 mg/m3 Respirable fraction. 10 mg/m3 Inhalable fraction. 10 mg/m3 Inhalable fraction. 10 mg/m3 Respirable fraction. 10 mg/m3 Inhalable fraction. 10 m			0.02 mg/m3	Respirable fraction
SILICON CARBIDE (CAS 109-21-2)	Potassium Fluoroborate CAS 14075-53-7)	STEL	6 mg/m3	Inhalable fraction.
109-21-2 3 mg/m3 Respirable fraction 10 mg/m3 Inhalable fraction In		TWA	2 mg/m3	Inhalable fraction.
Titanium Dioxide (CAS TWA 10 mg/m3 1	SILICON CARBIDE (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
Titanium Dioxide (CAS TWA 10 mg/m3 13463-67-7) 2			3 mg/m3	Respirable fraction
3463-67-7			10 mg/m3	Inhalable fraction.
TWA	Fitanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
State Stat	Zirconia Oxide (CAS 1314-23-4)	STEL	10 mg/m3	
Components Type Value Form Calcium Carbonate (CAS 1317-65-3) TWA 5 mg/m3 Respirable. CALCIUM OXIDE (CAS 1305-78-8) TWA 2 mg/m3 Total CARBON BLACK (CAS 1305-78-8) TWA 0.1 mg/m3 Dust and fume. CARBON BLACK (CAS 15096-52-3) TWA 2.5 mg/m3 Dust and fume. CAS 15096-52-3) TWA 5 mg/m3 Fume. MANGANESE CHLORIDE CAS 7773-01-5) STEL 3 mg/m3 Fume. Potassium Fluoroborate CAS 14075-53-7) TWA 1 mg/m3 Fume. SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. Circonia Oxide (CAS 1304-23-4) STEL 10 mg/m3 Total		TWA	5 mg/m3	
Calcium Carbonate (CAS TWA 5 mg/m3 Respirable. 10 mg/m3 Total CALCIUM OXIDE (CAS TWA 2 mg/m3 Total CARBON BLACK (CAS TWA 0.1 mg/m3 Total Cryolite (CAS 15096-52-3) TWA 2.5 mg/m3 Dust and fume. Cryolite (CAS 1309-37-1) TWA 5 mg/m3 Dust and fume. MANGANESE CHLORIDE CAS 7773-01-5) TWA 1 mg/m3 Fume. Crotassium Fluoroborate TWA 2.5 mg/m3 Respirable. Crotassium Fluoroborate TWA 5 mg/m3 Respirable. COMMANGANESE (CAS 14075-53-7) TWA 5 mg/m3 Total COMMANGANESE (CAS 14075-53-7) TWA 5 mg/m3 Total COMMANGANESE (CAS 15096-52-3) TWA 5 mg/m3 COMMANGANESE (CAS 15096-52-3) TWA TW	JS. NIOSH: Pocket Guide to Chem	ical Hazards		
10 mg/m3 Total	Components	Туре	Value	Form
CALCIUM OXIDE (CAS 305-78-8) TWA 2 mg/m3 CARBON BLACK (CAS 305-78-8) TWA 0.1 mg/m3 Caryolite (CAS 15096-52-3) TWA 2.5 mg/m3 Fron Oxide (CAS 1309-37-1) TWA 5 mg/m3 Dust and fume. MANGANESE CHLORIDE CAS 7773-01-5) STEL 3 mg/m3 Fume. Potassium Fluoroborate CAS 14075-53-7) TWA 1 mg/m3 Fume. SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. Circonia Oxide (CAS 314-23-4) STEL 10 mg/m3 Total		TWA	_	·
305-78-8 CARBON BLACK (CAS TWA 0.1 mg/m3 333-86-4 Cryolite (CAS 15096-52-3) TWA 2.5 mg/m3 Dust and fume. MANGANESE CHLORIDE STEL 3 mg/m3 Fume. Fume. CAS 17773-01-5 TWA 1 mg/m3 Fume. Potassium Fluoroborate TWA 2.5 mg/m3 Respirable. CAS 14075-53-7 SILICON CARBIDE (CAS TWA 5 mg/m3 Respirable. Twa 5 mg/m3 Total Circonia Oxide (CAS STEL 10 mg/m3 Total Total Circonia Oxide (CAS STEL 10 mg/m3 Total Circonia Oxide (CAS STEL 10 mg/m3 CAS 1314-23-4 Company CAS 10 mg/m3 CAS 10 mg/m3 CAS 10 mg/m3 CAS 1314-23-4 Company CAS 10 mg/m3 CAS 10 mg				Total
333-86-4	CALCIUM OXIDE (CAS 1305-78-8)	TWA	2 mg/m3	
ron Oxide (CAS 1309-37-1) TWA 5 mg/m3 Dust and fume. MANGANESE CHLORIDE CAS 7773-01-5) STEL 3 mg/m3 Fume. Potassium Fluoroborate CAS 14075-53-7) TWA 2.5 mg/m3 Fume. SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. Zirconia Oxide (CAS 1314-23-4) STEL 10 mg/m3 Total	CARBON BLACK (CAS 1333-86-4)	TWA	0.1 mg/m3	
MANGANESE CHLORIDE CAS 7773-01-5) STEL 3 mg/m3 Fume. Potassium Fluoroborate CAS 14075-53-7) TWA 2.5 mg/m3 Fume. SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. Potassium Fluoroborate CAS 14075-53-7) TWA 5 mg/m3 Total SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Total Potassium Fluoroborate CAS 14075-53-7) TWA 10 mg/m3 Total	Cryolite (CAS 15096-52-3)	TWA	2.5 mg/m3	
CAS 7773-01-5) TWA 1 mg/m3 Fume. Potassium Fluoroborate CAS 14075-53-7) TWA 2.5 mg/m3 Respirable. SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. 2irconia Oxide (CAS 1314-23-4) STEL 10 mg/m3 Total	ron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
Potassium Fluoroborate CAS 14075-53-7) TWA 2.5 mg/m3 SILICON CARBIDE (CAS 109-21-2) TWA 5 mg/m3 Respirable. 2 mg/m3 Total	MANGANESE CHLORIDE (CAS 7773-01-5)	STEL	3 mg/m3	Fume.
CAS 14075-53-7) SILICON CARBIDE (CAS TWA 5 mg/m3 Respirable. 10 mg/m3 Total Zirconia Oxide (CAS STEL 10 mg/m3 1314-23-4)		TWA	1 mg/m3	Fume.
10 mg/m3 Total Zirconia Oxide (CAS STEL 10 mg/m3 314-23-4)	Potassium Fluoroborate CAS 14075-53-7)	TWA	2.5 mg/m3	
Zirconia Oxide (CAS STEL 10 mg/m3 l/314-23-4)	SILICON CARBIDE (CAS 409-21-2)	TWA	5 mg/m3	Respirable.
(314-23-4)			10 mg/m3	Total
TWA 5 mg/m3	Zirconia Oxide (CAS 1314-23-4)	STEL	10 mg/m3	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Cryolite (CAS 15096-52-3)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*

^{* -} For sampling details, please see the source document.

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygieneAlways 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.

9. Physical and chemical properties

Appearance

Physical state Solid.
Form Solid.

Color Not available.
Odor Odorless.
Odor threshold Not available.
pH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling Not available.

range

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - lower (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Not available.

Incompatible materials Not available.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

InhalationDust may irritate respiratory system.Skin contactDust or powder may irritate the skin.

Eye contact Dust may irritate the eyes.

Ingestion Not available.

Symptoms related to theDirect contact with eyes may cause temporary irritation.

physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity

Components Species Test Results

CARBON BLACK (CAS 1333-86-4)

Acute Oral

LD50 Rat > 8000 mg/kg

Cryolite (CAS 15096-52-3)

Acute Oral

LD50 Rat > 5000 mg/kg

MANGANESE CHLORIDE (CAS 7773-01-5)

<u>Acute</u>

Oral

LD50 Rat 250 - 275 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation. **Serious eye damage/eye** Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

CARBON BLACK (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

Cryolite (CAS 15096-52-3) 3 Not classifiable as to carcinogenicity to humans. Iron Oxide (CAS 1309-37-1) 3 Not classifiable as to carcinogenicity to humans.

SILICON CARBIDE (CAS 409-21-2) 2A Probably carcinogenic to humans. Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed

US. National Toxicology Program (NTP) Report on Carcinogens

CARBON BLACK (CAS 1333-86-4) Known To Be Human Carcinogen.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity

Components		Species	Test Results
Cryolite (CAS 15096-5	52-3)		
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	>= 3.6 - <= 6.8 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	47, 96 hours

Components Species Test Results

MANGANESE CHLORIDE (CAS 7773-01-5)

Aquatic

Acute

Crustacea EC50 Water flea (Daphnia magna) 4.7, 48 hours

Sulfur (CAS 7704-34-9)

Aquatic Acute

Fish LC50 Western mosquitofish (Gambusia affinis) > 10000 mg/l, 96 hours

Titanium Dioxide (CAS 13463-67-7)

Aquatic

Acute

Crustacea EC50 Water flea (Daphnia magna) > 1000 mg/l, 48 hours
Fish LC50 Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours

Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects 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

Disposal instructions Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Not available.

Contaminated packaging Not available.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

MANGANESE CHLORIDE (CAS 7773-01-5) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Aluminium oxide	1344-28-1	0 - 95	
MANGANESE CHLORIDE	7773-01-5	1 - 10	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

MANGANESE CHLORIDE (CAS 7773-01-5)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Contains component(s) regulated under the Safe Drinking Water Act.

(SDWA)

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

CARBON BLACK (CAS 1333-86-4)

Potassium Aluminum Fluoride (CAS 14484-69-6)

Potassium Fluoroborate (CAS 14075-53-7)

SILICON CARBIDE (CAS 409-21-2)

Titanium Dioxide (CAS 13463-67-7)

California Proposition 65



WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State

of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

CARBON BLACK (CAS 1333-86-4) Listed: February 21, 2003 Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing

country(s).

16. Other information, including date of preparation or last revision

 Issue date
 03-08-2016

 Revision date
 03-29-2022

Version # 04

List of abbreviations AICIS: Australian Inventory of Industrial Chemicals.

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. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.