

Safety Data Sheet

This information document is for end customer use only based on following usage instructions provided

Reference number: 000324

Issue date: 10/31/2022 Revision date: 10/31/2022 Supersedes version of: 10/31/2022 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : CIMETROL SUPER EW DILUTED (NZ)

Type of product : Biocidal products (e.g. Disinfectants, pest control)

Product group : End product

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

1.2.1. Relevant identified uses

Main use category : Professional use Use of the substance/mixture : Insecticide

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier NZ Office

PelGar International Limited
Unit 13 Newman Lane
Po Box 11825
GU34 2QR Alton – Hampshire
PelGar International (NZ) Limited
PO Box 11825
Ellerslie

United Kingdom Auckland 1022 T +44 (0)1420 80744 T +64 (0) 21 670 105

<u>sds@pelgar.co.uk</u> - <u>www.pelgar.co.uk</u> - <u>www.pelgar.co.uk</u> - <u>www.pelgar.co.uk</u>

1.4. Emergency telephone number

Emergency number : +64 21 670 105

Country	Organisation/Company	Emergency number	
New Zealand	National Poisons Centre	0800 764 766	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS09

Signal word (CLP) : Warning

Hazard statements (CLP) : H410 - Very toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P273 - Avoid release to the environment.

P391 - Collect spillage.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

P405 - Store locked up.

Extra phrases : Use of protective gloves is required for Professional users only.

The most relevant P Phrase statements based on Pack Size and End User are on product labels. Additional P Phrase statements are included on the SDS for information only.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
CYPERMETHRIN CIS/TRANS + - 40-60 (Active substance (Biocide))	CAS-No.: 52315-07-8 EC-No.: 257-842-9 EC Index-No.: 607-421-00-4	< 1	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=3.3 mg/l/4h) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=3.3 mg/l/4h) STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute 1, H400 (M=100000) Aquatic Chronic 1, H410 (M=100000)
PIPERONYL BUTOXIDE (Active substance (Biocide))	CAS-No.: 51-03-6 EC-No.: 200-076-7 EC Index-No.: 604-096-00-0	<1	STOT SE 3, H335 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH066
2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine	CAS-No.: 95737-68-1 EC-No.: 429-800-1 EC Index-No.: 613-303-00-3	< 1	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist call a doctor. Get medical attention if symptoms are severe or persist after washing. Give oxygen or artificial respiration if necessary.

First-aid measures after skin contact

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact

: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do.

Continue rinsing.

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First-aid measures after ingestion

: Get immediate medical advice/attention. Rinse mouth out with water. Do NOT induce vomiting. Give a few small glasses of water or milk to drink. Do not give an unconscious person anything to drink. If unconscious, place in the recovery position and seek medical advice. Place under medical observation.

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

Symptoms/effects

: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Symptoms/effects after inhalation

: Symptoms of overexposure may be narcotic effects. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

Symptoms/effects after eye contact

Symptoms/effects after ingestion

May cause eye irritation.

: Swallowing the liquid may cause aspiration into the lungs with the risk of chemical

pneumonitis.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, Alcohol-resistant foam, Carbon dioxide (CO2).

Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard

: Heating may cause a fire or explosion.

Hazardous decomposition products in case of fire

: Toxic fumes may be released. Corrosive vapours.

5.3. Advice for firefighters

Precautionary measures fire

: Keep container tightly closed and away from heat, sparks and flame.

Protection during firefighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Evacuate area. Cool containers with flooding quantities of water until well after fire is out. Avoid discharge to the environment. Control run-off water by containing and keeping it out of sewers and watercourses. Use self-

contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment

: Wear recommended personal protective equipment.

Emergency procedures

: Ventilate spillage area. Avoid breathing fume, mist, spray, vapours. Keep upwind. No flames, no sparks. Eliminate all sources of ignition. See section 8 of the SDS for more

information on personal protective equipment.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment

: Collect spillage. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.

Methods for cleaning up

: Take up liquid spill into absorbent material. This material and its container must be disposed

of in a safe way, and as per local legislation.

Other information

: Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep only in original container. Avoid breathing

fume, mist, spray, vapours. Avoid contact with skin. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Carefully comply with the instructions for use. Comply with the safety intructions. Do not re-use empty containers.

Immediate medical attention and special treatment, if necessary.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash

contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat. Store locked up. Product must only be

kept in the original packaging.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep only in original container. Store locked up.

Always keep container in upright position. Keep container tightly closed.

Storage area : Store away from heat. Store in a well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Ensure the ventilation system is regularly maintained and tested.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):





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8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Industrial and professional. Perform risk assessment prior to use.

8.2.2.2. Skin protection

Skin and body protection:

Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

Keep receptacles tightly sealed. Conform to current legislation, regulations and orders.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : White.
Odour : Slight.

Odour threshold : No data available pH : No data available

pH solution concentration : 100 %

Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable : No data available Freezing point : No data available Boiling point Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : No data available : No data available Solubility Partition coefficient n-octanol/water (Log Pow) · No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available : No data available Oxidising properties **Explosive limits** No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

CYPERMETHRIN CIS/TRANS + - 40-60 (52315-07-8)		
LD50 oral rat	500 – 1732	
LD50 dermal rat	> 5000 mg/kg OECD	
LC50 Inhalation - Rat (Dust/Mist)	3.3 mg/l/4h	
2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine (95737-68-1)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
LC50 Inhalation - Rat (Dust/Mist)	> 1.3 mg/l/4h	
PIPERONYL BUTOXIDE (51-03-6)		
LD50 oral rat	4570 – 5630 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 Inhalation - Rat (Vapours)	> 5.9 mg/l/4h	
Skin corrosion/irritation : Not classified		

PIPERONYL BUTOXIDE (51-03-6)	
рН	5.8

Serious eye damage/irritation : Not classified

Descripatore, an alvin aspecition time.	Net along End
рН	5.8
PIPERONYL BUTOXIDE (51-03-6)	

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

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Reproductive toxicity : Not classified STOT-single exposure : Not classified

CYPERMETHRIN CIS/TRANS + - 40-60 (52315-07-8)

STOT-single exposure May cause respiratory irritation.

PIPERONYL BUTOXIDE (51-03-6)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure : Not classified

CYPERMETHRIN CIS/TRANS + - 40-60 (52315-07-8)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term

(acute)

: Very toxic to aquatic life.

: Very toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, long-term

(chronic)

Not rapidly degradable

CYPERMETHRIN CIS/TRANS + - 40-60 (52315-07-8)			
EC50 - Crustacea [1]	5.3 ng/l Hyallela azteca		
EC50 - Other aquatic organisms [1]	6.9 ng/l Chironomus riparius		
2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyri	2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine (95737-68-1)		
LC50 - Fish [1]	> 0.27 mg/l		
EC50 - Other aquatic organisms [1]	0.4 mg/l		
EC50 72h - Algae [1]	0.15 mg/l		
PIPERONYL BUTOXIDE (51-03-6)			
LC50 - Fish [1]	3.94 mg/l		
LC50 - Fish [2]	6.12 mg/l		
EC50 - Crustacea [1]	0.05 – 0.51 mg/l		
EC50 72h - Algae [1]	3.89 mg/l		
NOEC chronic fish	0.18 mg/l		
NOEC chronic crustacea	0.03 mg/l		
NOEC chronic algae	0.824 mg/l		

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Hazardous Waste Group

- $: \ \, \text{Dispose of contents/container in accordance with licensed collector's sorting instructions}.$
- : Disposal must be done according to official regulations.
- : hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- : European waste catalogue (EWC) Waste code 20 01 19*: pesticides

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number	'	
UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN 40-60)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN 40-60)	Environmentally hazardous substance, liquid, n.o.s. (CYPERMETHRIN 40-60)
Transport document descr	ription	
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN 40-60), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN 40-60), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (CYPERMETHRIN 40-60), 9, III
14.3. Transport hazard	class(es)	
9	9	9
9	**************************************	
14.4. Packing group		
III	III	III
14.5. Environmental haz	zards	
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information	on available	

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14.6. Special precautions for user

Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR) : EAC code : •3Z

Transport by sea

Special provisions (IMDG) : 274, 335, 969

: 5 L Limited quantities (IMDG) Excepted quantities (IMDG) : E1 : LP01, P001 Packing instructions (IMDG) Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) TP1, TP29 EmS-No. (Fire) F-A : S-F EmS-No. (Spillage) Stowage category (IMDG) Α

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197, A215

ERG code (IATA) : 9L

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Biocide Regulation (528/2012)

Contains substance(s) listed on the Biocidal Products list (Regulation EU 528/2012 concerning the making available on the market and use of biocidal products)

Type of product (Biocide) : 18 - Insecticides, acaricides and products to control other arthropods

Authorisation number

Contains : CYPERMETHRIN CIS/TRANS + - 40-60 (0.13 % (percentage)); PIPERONYL BUTOXIDE

(0.11 % (percentage))

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	

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Abbreviations and acronyms:		
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Other information

: This document has been issued based on a dilution of the Product as supplied with no additions or contaminants. PelGar is not responsible for manufacturing, processing or handling of products after they have been delivered to customers. This document is not subject to automatic update. For more information please contact PelGar.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
EUH066	Repeated exposure may cause skin dryness or cracking.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	

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Full text of H- and EUH-statements:		
H302	Harmful if swallowed.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

Safety Data Sheet (SDS), EU

The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.