ECOPOINT

MATERIAL SAFETY DATASHEET

According to regulation (EC)
nr. 1907 | 2006 (REACH)

By nature,
for life

BIO BASED

kiwa gecertificeerd ISO 9001

kiwa gecertificeerd ISO 14001

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

1.1 Product identifier

Safeco Fresh (PR252)

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

Relevant identified uses

PC 35 - Washing and cleaning products

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Eco-Point International BV

Street : Canadaweg 28

Postal code/city : 4661 PZ Halsteren

Telephone : +31 (0)164-632555

E-mail : info@eco-point.com

1.4 Emergency telephone number

NL - Nationaal Vergiftigingen Informatie Centrum NVIC - Bilthoven +31 88 755 8000 (Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen)
BE - Antigifcentrum - Brussel + 32 70 245 245 (een arts beantwoordt uw oproep)
BE - Centre Anti-poison - Bruxelles + 32 70 245 245 (un médecin répondra à votre appel)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

None

2.2 Label elements

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

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

3-METHOXY-3-METHYL-1-BUTANOL ; REACH No. : 01-2119976333-33-0000 ; EC No. : 260-252-4; CAS No. : 56539-66-3

Weight fraction :	≥ 5 - < 10 %
Classification 1272/2008 [CLP] :	Eye Irrit. 2 ; H319

HYDROCARBONS, C11-C13, ISO-ALKANEN ; REACH No. : 01-2119456810-40 ; EC No. : 920-901-0

Weight fraction :	≥ 5 - < 10 %
Classification 1272/2008 [CLP] :	Asp. Tox. 1 ; H304

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air.

In case of skin contact

Wash immediately with: Water

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Water mist Carbon dioxide (CO2) Extinguishing powder

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

There are no data available on the mixture itself.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear full chemical protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Provide adequate ventilation. See protective measures under point 7 and 8.

6.2 Environmental precautions

Clean contaminated articles and floor according to the environmental legislation.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

No particular measures required.

6.5 Additional information

Clear spills immediately.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

All work processes must always be designed so that the following is excluded: Skin contact Eye contact

Environmental precautions

Shafts and sewers must be protected from entry of the product.

7.2 Conditions for safe storage, including any incompatibilities

None

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

HYDROCARBONS, C11-C13, ISO-ALKANEN

Limit value type (country of origin) : TWA (EC)
Limit value : 1200 mg/m³ / 8 h
Version :

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

Suitable gloves type : EN ISO 374

Suitable material : Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) PVA (Polyvinyl alcohol) PE (polyethylene) Butyl/ Viton.

Required properties : liquid-tight.

Breakthrough time (maximum wearing time) : >480 min

Thickness of the glove material : 0,5 mm

Respiratory protection

Usually no personal respirative protection necessary.

General information

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid
Colour : colourless

Odour : characteristic

Safety characteristics

Freezing point :	(1013 hPa)	<	0	°C	
Initial boiling point and boiling range :	(1013 hPa)		not determined		
Decomposition temperature :	(1013 hPa)		No data available		
Flash point :			61	°C	
Auto-ignition temperature :			No data available		
Flammability (solid, gas) :			No data available		
Lower explosion limit :			No data available		
Upper explosion limit :			No data available		
Vapour Pressure :	(20 °C)		No data available		
Density :	(20 °C)		0,89	g/cm^3	
Water solubility :	(20 °C)			Wt %	
Water solubility :	(20 °C)		practically insoluble		
pH :			not applicable		
log P O/W :			No data available		
Flow time :	(20 °C)		No data available		DIN-cup 4 mm
Viscosity :	(20 °C)		No data available		
Odour threshold :			No data available		
Relative vapour density :	(20 °C)		No data available		
Evaporation rate :			No data available		
Oxidising liquids :	No data available.				
Explosive properties :	No data available.				

9.2 Other information

nanomaterial not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Acute oral toxicity

Parameter :	LD50 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

Acute dermal toxicity

Parameter : LD50 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 5000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Exposure route : Inhalation (vapour)
Species : Rat
Effective dose : > 5000 mg/m^3

Corrosion

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Irritation to respiratory tract

No information available.

Respiratory or skin sensitisation

Skin sensitisation

No information available.

Sensitisation to the respiratory tract

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

11.2 Information on other hazards

Endocrine disrupting properties

not applicable

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC0 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 1000 mg/l
Exposure time : 96 h

Acute (short-term) toxicity to crustacea

Parameter : EC0 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species : Daphnia magna (Big water flea)
Effective dose : 1000 mg/l
Exposure time : 48 h

Chronic (long-term) toxicity to crustacea

Parameter :	NOEC (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species :	Daphnia magna (Big water flea)
Effective dose :	1 mg/l
Exposure time :	21 Days

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter :	EC0 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species :	Pseudokirchneriella subcapitata
Effective dose :	1000 mg/l
Exposure time :	72 h
Parameter :	IC 0 (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species :	Pseudokirchneriella subcapitata
Effective dose :	1000 mg/l
Exposure time :	72 h
Parameter :	NOELR (HYDROCARBONS, C11-C13, ISO-ALKANEN)
Species :	Pseudokirchneriella subcapitata
Effective dose :	1000 mg/l
Exposure time :	72 h

12.2 Persistence and degradability
Based on the raw materials, this product is classified as readily biodegradable

12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties
No information available.

12.7 Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Dispose according to legislation.

SECTION 14: Transport information

14.1 UN number
No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name
No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)
No dangerous good in sense of these transport regulations.

14.4 Packing group
No dangerous good in sense of these transport regulations.

14.5 Environmental hazards
No dangerous good in sense of these transport regulations.

14.6 Special precautions for user
None

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

not applicable

SECTION 15: Regulatory information

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

None

Components according to regulation (EG) Nr. 648/2004

aliphatic hydrocarbons	5 - < 15	%
Butyl phenyl methyl propional	< 5	%
Hexyl cinnamal	< 5	%
perfumes	< 5	%

15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Indication of changes

02. Label elements

16.2 Abbreviations and acronyms

a.i. = Active ingredient
ACGIH = American Conference of Governmental Industrial Hygienists (US)
ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
AFFF = Aqueous Film Forming Foam
AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)
AOAC = AOAC International (formerly Association of Official Analytical Chemists)
aq. = Aqueous
ASTM = American Society of Testing and Materials (US)
atm = Atmosphere(s)
B.V. = Beperkt Vennootschap (Limited)
BCF = Bioconcentration Factor
bp = Boiling point at stated pressure
bw = Body weight
ca = (Circa) about
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
CEFIC = European Chemical Industry Council (established 1972)
CIPAC = Collaborative International Pesticides Analytical Council
CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Conc = Concentration
cP = CentiPoise
cSt = Centistokes
d = Day(s)
DIN = Deutsches Institut für Normung e.V.
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC = European Community; European Commission
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EU = European Union
EWC = European Waste Catalogue
FAO = Food and Agriculture Organization (United Nations)

GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)
h = Hour(s)
hPa = HectoPascal (unit of pressure)
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG Code = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
ISO = International Organization for Standardization
IUCLID = International Uniform Chemical Information Database
IUPAC = International Union of Pure and Applied Chemistry
kg = Kilogram
Kow = Distribution coefficient between n-octanol and water
kPa = KiloPascal (unit of pressure)
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
mg = Milligram
min = Minute(s)
ml = Milliliter
mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)
mp = Melting point
MRL = Maximum Residue Limit
MSDS = Material Safety Data Sheet
n.o.s. = Not Otherwise Specified
NIOSH = National Institute for Occupational Safety and Health (US)
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
NOx = Oxides of Nitrogen
OECD = Organization for Economic Cooperation and Development
OEL = Occupational Exposure Limits
Pa = Pascal (unit of pressure)
PBT = Persistent, Bioaccumulative or Toxic
pH = -log10 hydrogen ion concentration
pKa = -log10 acid dissociation constant
PNEC = Previsible Non Effect Concentration
POPs = Persistent Organic Pollutants
ppb = Parts per billion
PPE = Personal Protection Equipment
ppm = Parts per million
ppt = Parts per trillion
PVC = Polyvinyl Chloride
QSAR = Quantitative Structure-Activity Relationship
REACH = Registration, Evaluation and Authorization of CHemicals (EU, see NCP)
SI = International System of Units
STEL = Short-Term Exposure Limit
tech. = Technical grade
TSCA = Toxic Substances Control Act (US)
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioacccumulative
WHO = World Health Organization = OMS
y = Year(s)

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC)

No 1272/2008 [CLP]

Calculation method

16.5 Relevant H- and EUH-phrases (Number and full text)

H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.

16.6 Training advice

None

16.7 Additional information

Notice the directions for use on the label.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.