Safety Data Sheet
H59 SPRINT-AIR GT CLEAR HS

Safety Data Sheet dated 5/11/2018, version 1

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

1.1. Product identifier

Mixture identification:

Trade code and name: H59 SPRINT-AIR GT CLEAR HS

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

2K acrylic clearcoat for autobody use.

Only for professional use.

1.3. Details of the supplier of the safety data sheet

Company:

Industria Chimica Reggiana I.C.R. Spa

Via Gasparini, 7 42124 REGGIO EMILIA Italia

Tel. +39 0522/517803 Fax +39 0522/514384

Competent person responsible for the safety data sheet:

sdsre@icrsprint.it

1.4. Emergency telephone number

Tel. +39 0522-517803

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Warning, Flam. Liq. 3, Flammable liquid and vapour.

Warning, STOT SE 3, May cause drowsiness or dizziness.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Warning

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from open flames - No smoking.

P260 Do not breathe vapours or spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280.D Wear protective gloves and clothing and eye protection.

P312 Call a doctor if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Special Provisions:

None

Contains

n-butyl acetate

Naphtha

Benzotriazol derivates: May produce an allergic reaction.

Pentaerythritol tetrakis(3.mercaptopropionate): May produce an allergic reaction.

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate: May produce an allergic reaction.

Dibutyltin dilaurate: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

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Qty	Name	Ident. Number		Classification
>= 25% - < 30%	n-butyl acetate	Index number: CAS: EC: REACH No.:	607-025-00-1 123-86-4 204-658-1 01-2119485493-29	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 EUH066
>= 10% - < 12.5%	Naphtha - hydrocarbons C9 aromatics	CAS: EC: REACH No.:	64742-95-6 918-668-5 01-2119455851-35	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H335 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 EUH066 DECLP (CLP)*
>= 5% - < 7%	ethyl 3-ethoxypropionate	CAS: EC: REACH No.:	763-69-9 212-112-9 01-2119463267-34	2.6/3 Flam. Liq. 3 H226
>= 1% - < 3%	2-butoxyethyl acetate	Index number: CAS: EC: REACH No.:	607-038-00-2 112-07-2 203-933-3 01-2119475112-47	3.1/4/Dermal Acute Tox. 4 H312 3.1/4/Inhal Acute Tox. 4 H332
>= 0.5% - < 1%	Benzotriazol derivates - Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-	Index number: EC: REACH No.:	607-176-00-3 400-830-7 01-0000015075-76	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/C2 Aquatic Chronic 2 H411
>= 0.25% - < 0.5%	Pentaerythritol tetrakis(3.mercaptopropionate)	CAS: EC: REACH No.:	7575-23-7 231-472-8 01-2119486981-23	3.1/4/Oral Acute Tox. 4 H302 3.4.2/1 Skin Sens. 1 H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.25% - < 0.5%	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	CAS: EC: REACH No.:	41556-26-7 255-437-1 01-2119491304-40	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.1% - < 0.25%	Dibutyltin dilaurate	CAS: EC: REACH No.:	77-58-7 201-039-8 01-2119496068-27	3.1/4/Oral Acute Tox. 4 H302 3.2/1C Skin Corr. 1C H314 3.3/1 Eye Dam. 1 H318 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 3.5/2 Muta. 2 H341 3.7/1B Repr. 1B H360FD 3.8/1 STOT SE 1 H370 3.9/1 STOT RE 1 H372 4.1/A1 Aquatic Acute 1 H400 M=1. 4.1/C1 Aquatic Chronic 1 H410
>= 0.01% - < 0.1%	Solvent naphtha (petroleum), light arom.	Index number: CAS: REACH No.:	649-356-00-4 64742-95-6 01-2119455851-35	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H335 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 3.10/1 Asp. Tox. 1 H304 EUH066 DECLP (CLP)*

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

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SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. If irritation persists: Get medical advice/attention.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediatley and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

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

See section 11 for known symptoms and effects.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
CO2 or Dry chemical fire extinguisher.
Extinguishing media which must not be used for safety reasons:
Do not use water jets. Water may noty be effective fire fighting measure, however it can be used to cool closed containers close to flames as to avoid bursting and exploding.
None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke. Carbon oxides.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. 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.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
None in particular.

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Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)
See Point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n-butyl acetate - CAS: 123-86-4
EU - TWA(8h): 713 mg/m3, 150 ppm - STEL(): 200 ppm
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6
EU - TWA(8h): 100 mg/m3, 19 ppm

ethyl 3-ethoxypropionate - CAS: 763-69-9
EU - TWA(8h): 50 ppm - STEL(): 100 ppm

2-butoxyethyl acetate - CAS: 112-07-2
EU - TWA(8h): 133 mg/m3, 20 ppm - STEL: 333 mg/m3, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 20 ppm - Notes: A3 - Hemolysis

Dibutyltin dilaurate - CAS: 77-58-7
EU - TWA: 0.10 mg/m3 - STEL: 0.20 mg/m3 - Notes: Pelle
ACGIH - TWA(8h): 0.10 mg/m3 - STEL(): 0.20 mg/m3

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
EU - TWA(8h): 100 mg/m3, 19 ppm

DNEL Exposure Limit Values

n-butyl acetate - CAS: 123-86-4
Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 480 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6
Worker Professional: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 150 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 11 mg/m³ - Frequency: Long Term, systemic effects

ethyl 3-ethoxypropionate - CAS: 763-69-9
Worker Professional: 24.2 mg/kg - Consumer: 24.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 24.2 mg/kg - Consumer: 24.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects
Worker Professional: 72.6 mg/m³ - Consumer: 72.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 72.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 1.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-butoxyethyl acetate - CAS: 112-07-2
Worker Professional: 133 mg/m³ - Consumer: 67 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 27 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects - Notes: bw/day
Consumer: 4.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/day
Consumer: 18 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: bw/day
Worker Professional: 773 mg/m³ - Consumer: 499 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 333 mg/m³ - Consumer: 166 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 102 mg/kg - Consumer: 36 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

Dibutyltin dilaurate - CAS: 77-58-7
Worker Industry: 1 mg/kg - Consumer: 0.5 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects - Notes: mg/kg bw
Worker Industry: 0.2 mg/kg - Consumer: 0.08 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: mg/kg bw/ day
Worker Industry: 0.07 mg/m³ - Consumer: 0.02 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 0.01 mg/m³ - Consumer: 0.003 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.01 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: mg/kg bw

PNEC Exposure Limit Values

n-butyl acetate - CAS: 123-86-4
Target: STP - Value: 35.6 mg/l
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.01 mg/l

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Target: Intermittent emissions - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.98 mg/kg
Target: Marine water sediments - Value: 0.09 mg/kg
Target: Soil - Value: 0.09 mg/kg
ethyl 3-ethoxypropionate - CAS: 763-69-9
Target: Fresh Water - Value: 0.0609 mg/l
Target: Marine water - Value: 0.00609 mg/l
Target: Intermittent emissions - Value: 0.609 mg/l
Target: Freshwater sediments - Value: 0.419 mg/kg
Target: Soil (agricultural) - Value: 0.048 mg/kg
2-butoxyethyl acetate - CAS: 112-07-2
Target: Purification plant - Value: 90 mg/l
Target: Fresh Water - Value: 0.304 mg/l
Target: Marine water - Value: 0.0304 mg/l
Target: Intermittent emissions - Value: 0.56 mg/l
Target: Freshwater sediments - Value: 2.03 mg/kg
Target: Marine water sediments - Value: 0.203 mg/kg
Target: Soil - Value: 0.68 mg/kg
Target: Oral - Value: 0.06 g/kg

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Wear safety clothing that ensure full skin protection in accordance to EN 14605 Type 4 in case of spills or spray (e.g. Tyrek). Please note: safety clothing must be changed immediately if it comes in contact with product.

Protection for hands:

Use protective gloves that provides comprehensive protection, EN374 Class 3 (B-F-I). Permeation time > 60 minutes; 0.4 mm thickness.

Respiratory protection:

Use adequate protective respiratory devices, using Filter “A” (Brown colour) for organic gas and vapors with boiling points over 65°C.

Thermal Hazards:

None

Environmental exposure controls:

Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legistation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.
None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	**Value**	**Method:**	**Notes**
Appearance and colour:	Transparent colourless liquid	--	--
Odour:	Typical of solvent	--	--
Odour threshold:	N.D.	--	--
pH:	N.A.		
Melting point / freezing point:	N.D.	--	--
Initial boiling point and boiling range:	124°C	--	--
Flash point:	27 °C	--	--
Evaporation rate:	N.D.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	0,7 vol - 7,0 % vol	--	--
Vapour pressure:	11.6 mbar	--	--
Vapour density:	> 1	--	--

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Relative density:	0.984 g/cm³	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.D.	--	--
Partition coefficient (n-octanol/ water):		--	--
Auto-ignition temperature:	415°C	--	--
Decomposition temperature:	N.D.	--	--
Viscosity:	> 20.5 mm²/s (40°C)	--	--
Explosive properties:	N.D.	--	--
Oxidizing properties:	N.D.	--	--

9.2. Other information

Properties	**Value**	**Method:**	**Notes**
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under recommended use and storage conditions (see point 7).

10.3. Possibility of hazardous reactions

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.
It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid accumulating electrostatic charge.
Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 6400 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 21.1 mg/l - Duration: 4h

Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3
Test: LD50 - Route: Oral - Species: Rat = 3492 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

ethyl 3-ethoxypropionate - CAS: 763-69-9

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4.309 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 4.080 mg/kg

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Test: LD50 - Route: Inhalation - Species: Rat > 998 ppm
2-butoxyethyl acetate - CAS: 112-07-2
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 2400 mg/kg
Test: LD50 - Route: Oral - Species: Mouse = 3200 mg/kg
Test: LD50 - Route: Skin - Species: Rat = 1580 mg/kg
Benzotriazol derivates - Index number: 607-176-00-3
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5.8 mg/l
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg
d) respiratory or skin sensitisation:
Test: Skin Sensitization - Route: Skin - Species: GUINEA PIG Positive
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate - CAS: 41556-26-7
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
d) respiratory or skin sensitisation:
Test: Skin Sensitization - Route: Skin Positive
Dibutyltin dilaurate - CAS: 77-58-7
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 2071 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
c) serious eye damage/irritation:
Test: Eye Irritant Positive
e) germ cell mutagenicity:
Test: Mutagenesis Positive
Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
a) acute toxicity:
Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3
Test: LD50 - Route: Oral - Species: Rat = 3592 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg
Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6
Acute toxicity:
Inhalation: vapour concentrations exceeding recommended exposure levels are irritating to eyes and respiratory tract, and may cause headache, dizziness and other effects on the central nervous system.
Skin contact: Low toxicity index.
Frequent or prolonged contact may dry the skin, causing dermatitis.
Eye contact: may cause discomfort to eyes with slight irritation, but with no tissue damage.
Ingestion: even small amounts of liquid introduced into the respiratory system during ingestion may cause broncitis or lung damage. Low toxicity index.

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
n-butyl acetate - CAS: 123-86-4
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 648 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96
Naphtha - hydrocarbons C9 aromatics - CAS: 64742-95-6
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 9.2 mg/l - Duration h: 96
Endpoint: EC50 - Species: Algae = 1 mg/l - Duration h: 72 - Notes: NOELR
Benzotriazol derivates - Index number: 607-176-00-3
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Daphnia = 4 mg/l - Duration h: 48
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate - CAS: 41556-26-7
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 0.97 mg/l - Duration h: 96
Dibutyltin dilaurate - CAS: 77-58-7

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a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 3.1 mg/l
Endpoint: EC50 - Species: Daphnia = 0.463 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72
Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 9.2 mg/l
Endpoint: EC50 - Species: Algae = 1 mg/l - Notes: NOEC

12.2. Persistence and degradability
Non-readily biodegradable
12.3. Bioaccumulative potential
Not bioaccumulative
12.4. Mobility in soil
Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a signicant amount may penerate and pollute water table.
12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None
12.6. Other adverse effects
None

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The empty containers must be considered special waste materials to take to dump of type 2B. If previously cleansed, they can be admitted in first class dumps.
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. DO NOT discharge into sewers, watercourses, ponds, canals or ditches. Empty product containers must be completely drained and stored safely until appropriately processes or disposed. Empty containers must be recycled, recovered or disposed of by a qualified and authorized company operating in compliance with current recycling, recovery and disposal regulations. It is advisable to provide the desposal company with all safety information of the material contained in the empty packaging. DO NOT pressurize, DO NOT cut, DO NOT weld, DO NOT puncture, DO NOT crush, DO NOT expose empty containers to heat, flames, sparks, electrostatic discharge or other sources of ignition.

SECTION 14: Transport information

Limited quantities, not subject to ADR norms for internal packaging of up to 5 litres and maxium packaging of 30kg.

14.1. UN number

ADR-UN Number:	1263
IATA-UN Number:	1263
IMDG-UN Number:	1263

14.2. UN proper shipping name

ADR-Shipping Name:	PAINT
IATA-Shipping Name:	PAINT
IMDG-Shipping Name:	PAINT

14.3. Transport hazard class(es)

ADR-Class:	3
ADR-Label:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3
IMDG-Class:	3

14.4. Packing group

ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

14.5. Environmental hazards

ADR-Enviromental Pollutant:	No
IMDG-Marine pollutant:	No

14.6. Special precautions for user

ADR-Subsidiary risks:	-
ADR-S.P.:	163 367 640E 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-

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IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Page:	3372
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary risks:	-
IMDG-MFAG:	310
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

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

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
Restrictions related to the product:
Restriction 3
Restriction 40
Restrictions related to the substances contained:
No restriction.

Volatile Organic compounds - VOCs =457.35 g/Kg= 450.03 g/l
Volatile CMR substances = 0.20 %
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
Organic Carbon - C = 0.31
Dry weight (% wt):54.26
Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
Product belongs to category: P5c

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H317 May cause an allergic skin reaction.
H302 Harmful if swallowed.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H341 Suspected of causing genetic defects.
H360FD May damage fertility. May damage the unborn child.
H370 Causes damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.

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Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1,1A,1B	3.4.2/1-1A-1B	Skin Sensitisation, Category 1,1A,1B
Muta. 2	3.5/2	Germ cell mutagenicity, Category 2
Repr. 1B	3.7/1B	Reproductive toxicity, Category 1B
STOT SE 1	3.8/1	Specific target organ toxicity - single exposure, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 1	3.9/1	Specific target organ toxicity - repeated exposure, Category 1
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
KSt: Explosion coefficient.

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LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not available
N.D.:	Not determined.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average

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