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

1.1. Product identifier

Trade name
924 DK2 Base Paint T124
Product no.
924120
REACH registration number
None known
Other means of identification

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

Relevant identified uses of the substance or mixture
Industrial wood primer
Uses advised against
-
The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address
Beck & Jorgensen A/S
Rosenkaeret 25-29
DK2860 Soeborg, Denmark
Phone: +45 39 53 03 11
www.bj.dk
Contact person
Mikael Jensen
E-mail
miljo@bj.dk
SDS date
09-01-2015
SDS Version
2.0

1.4. Emergency telephone number

Use your national or local emergency number
See section 4 “First aid measures”

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

See full text of H/R-phrases in section 2.2.
DPD/DSD Classification
-
-

2.2. Label elements

Hazard pictogram(s)
-
Signal word
-
Hazard statement(s)
-
Identity of the substances primarily responsible for the major health hazards
-

Safety statement(s)	General	-
	Prevention	Avoid breathing dust/fume/gas/mist/vapours/spray. (P261) Wear respiratory protection. (P284)
	Response	-

Storage -
Disposal -

2.3. Other hazards

The product contains organic solvents. Prolonged and repeated exposure through inhalation may cause damage on the central nerve system and inner organs such as lever and kidneys.

Additional labelling

Contains 1,2-benzisothiazol-3(2H)-on, 5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6], 3-Iodo-2-propynyl butylcarbamate. May produce an allergic reaction. Safety data sheet available on request. (EUH210)

Additional warnings

-

VOC

VOC-MAX: 30 g/l, MAXIMUM VOC CONTENT (A (WB)): 130 g/l.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances

NAME:	1-butoxypropan-2-ol
IDENTIFICATION NOS.:	CAS-no: 5131-66-8 EC-no: 225-878-4 REACH-no: 01-2119475527-28 Index-no: 603-052-00-8
CONTENT:	1-5%
DSD CLASSIFICATION:	Xi;R36/38
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2 H315, H319
NOTE:	S

NAME:	Nonylphenol ethoxylate phosphate
IDENTIFICATION NOS.:	CAS-no: 51609-41-7
CONTENT:	<1%
DSD CLASSIFICATION:	C;R34 N;R51/53
CLP CLASSIFICATION:	Skin. Corr. 1B, Aquatic Chronic 2 H314, H411

NAME:	3-Iodo-2-propynyl butylcarbamate
IDENTIFICATION NOS.:	CAS-no: 55406-53-6 EC-no: 259-627-5
CONTENT:	<1%
DSD CLASSIFICATION:	Xn;R20/22 Xi;R37 R41 R43 N;R50
CLP CLASSIFICATION:	Acute Tox. 3, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 H302, H317, H318, H331, H400

NAME:	1,2-benzisothiazol-3(2H)-on
IDENTIFICATION NOS.:	CAS-no: 2634-33-5 EC-no: 220-120-9 Index-no: 613-088-00-6
CONTENT:	<0.1%
DSD CLASSIFICATION:	Xn;R22 Xi;R38-41 R43 N;R50
CLP CLASSIFICATION:	Acute tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 H302, H315, H317, H318, H400

NAME:	5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6]
IDENTIFICATION NOS.:	CAS-no: 55965-84-9 Index-no: 613-167-00-5
CONTENT:	<0.01%
DSD CLASSIFICATION:	T; R23/24/25 C; R34 R43 N; R50-53
CLP CLASSIFICATION:	Acute tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H301, H311, H314, H317, H331, H400, H410

(*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.
S = Organic solvent

Other informations

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.If symptoms persists or in case of doubt always contact a physician. Never give anything by mouth to an

unconscious person.

Inhalation

Move to fresh air and keep the person under observation. If discomfort persists get medical attention.

Skin contact

Remove contaminated clothing, shoes etc. Wash skin thoroughly with water and soap. Skin cleansing remedies may be used. DO NOT use solvent or thinner. Get medical attention if irritation or skin rash persists.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water, until irritation cease and for at least 15 min.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, keep head low to prevent aspiration of vomit into lungs. Get medical attention. Aspiration of vomit into the lungs can cause pulmonary edema. Be aware that symptoms may be delayed up to 48 hours.

Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Neurotoxic effect: This product contains organic solvent, which may cause adverse effects on the central nerve system. Symptoms of neurotoxicity may include loss of appetite, headache, dizziness, tingeling sensation in the skin, sensitiveness to cold, cramps, difficulties concentrating, fatigues etc. Repeated exposure may cause skin dryness or cracking. Persons with pre-existing skin disorders may be more susceptible to these effects.Sensitization: This product contains substances which may cause allergic skin reactions. Symptoms will normally occur within 12-72 hours after contact.

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

Non specific.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with alcohol resistant foam, powder, CO2 or water fog. Do not use water jet, it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

At elevated temperature and in case of fire hazardous decomposition products will be formed. These are: Carbon oxides. Metal oxides. Fire will release hazardous/toxic fumes. Fire fighters must use full protective equipment. Cool containers with water spray. Do not allow water from the fire extinction to enter sewer systems or water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific demands.

6.2. Environmental precautions

No specific demands.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Clean with water or use appropriate cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section 13 regarding handling of waste.See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in the original container.

Storage temperature

NA

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

DNEL (1-butoxypropan-2-ol): 44 mg/kg/dag - Exposure: Dermal - Duration: Long term - Remarks: Industri
DNEL (1-butoxypropan-2-ol): 270 mg/m3 - Exposure: Inhalation - Duration: Long term - Remarks: Industri
DNEL (1-butoxypropan-2-ol): 16 mg/kg/dag - Exposure: Dermal - Duration: Long term - Remarks: Forbruger
DNEL (1-butoxypropan-2-ol): 33,8 mg/m3 - Exposure: Inhalation - Duration: Long term - Remarks: Forbruger
DNEL (1-butoxypropan-2-ol): 8,75 mg/kg/dag - Exposure: Oral - Duration: Long term - Remarks: Forbruger

PNEC (1-butoxypropan-2-ol): 0,525 mg/l - Exposure: Water
PNEC (1-butoxypropan-2-ol): 0,0525 mg/l - Exposure: Seawater
PNEC (1-butoxypropan-2-ol): 0,16 mg/l - Exposure: Soil
PNEC (1-butoxypropan-2-ol): 10 mg/l - Exposure: STP
PNEC (3-Iodo-2-propynyl butylcarbamate): 0,0005 mg/l - Exposure: Water - Duration: Single - Remarks: Annex I assesment report
PNEC (3-Iodo-2-propynyl butylcarbamate): 0,005 mg/l - Exposure: Soil - Duration: Single - Remarks: Annex I assesment report

8.2. Exposure controls

In case the product is used in a standard fashion, no control is necessary.

General recommendations

Do not smoke, eat or drink in working areas.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

No limits on explosion exits, for the content of the substances in this product.

Appropriate technical measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Always follow good industrial hygiene practice.

Measures to avoid environmental exposure

No specific demands.

Individual protection measures, such as personal protective equipment

Generally

Only CE-marked personal protection equipment should be used.

Respiratory Equipment

Recommended: In case of spray application: Use mask with particle filter S/SL, P2, White

Skin protection

Wear suitable protective clothing.

Hand protection

Recommended: Nitrile rubber. . Breakthrough time: > 60 minutes (Class 3)

Eye protection

Use face shield or safety glasses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm3)
Liquid	NA	Characteristic	9-10	-	1,34

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	1	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-

Explosion limits (Vol %)	Oxidizing properties
-	-

Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is stable under the conditions, noted in section 7.

10.3. Possibility of hazardous reactions
Non specific.

10.4. Conditions to avoid
Overpressure develops, when exposed to heating (e.g.. sunlight).

10.5. Incompatible materials
Strong acids, strong bases, strong oxidation agents and strong reduction agents.

10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
1,2-benzisothiazol-3(2H)-on	Rat	LD50	Oral	1193 mg/Kg
1,2-benzisothiazol-3(2H)-on	Rat	LD50	Dermal	4115 mg/Kg
1-butoxypropan-2-ol	Rat	LD50	Oral	1900 mg/kg
3-Iodo-2-propynyl butylcarbama...	Rat	LD50	Oral	300-500 mg/kg
3-Iodo-2-propynyl butylcarbama...	Rat	LC50	Inhalation	6,89 mg/l (4 timer)
3-Iodo-2-propynyl butylcarbama...	Rabbit	LD50	Dermal	> 2000 mg/kg
5-chlor-2-methyl-2H-isothiazol...	Rat	LD50	Oral	49,6 - 75 mg/Kg
5-chlor-2-methyl-2H-isothiazol...	Rat	LC50	Inhalation	0,33 mg/l
5-chlor-2-methyl-2H-isothiazol...	Rabbit	LD50	Dermal	87,12 mg/Kg

Skin corrosion/irritation

Data on substance: 1,2-benzisothiazol-3(2H)-on
Test: no guideline followed
Organism: -
Result: Irriterer huden

Serious eye damage/irritation

Data on substance: 1,2-benzisothiazol-3(2H)-on
Test: no guideline followed
Result: Can course serious eye damage

Respiratory or skin sensitisation

No data. Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6]
Organism: Human

Result: Can course allergic reaction at skin contact

Data on substance: 1,2-benzisothiazol-3(2H)-on
Organism: Human
Result: Can course allergic reaction at skin contact

Germ cell mutagenicity

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6]
Result: No effect in experiments on animals
No adverse effect observed.

Carcinogenicity

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6]
Result: No effect in experiments on animals
No adverse effect observed.

Reproductive toxicity

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EF-nr.247-500-7], blanding (3:1) med 2-methyl-2H-isothiazol-3-on [EF-nr.220-239-6]
Result: No effect in experiments on animals
No adverse effect observed.

STOT-single exposure

Data on substance: 1,2-benzisothiazol-3(2H)-on

STOT-repeated exposure

No data.

Aspiration hazard

No data.

Long term effects

Neurotoxic effect: This product contains organic solvent, which may cause adverse effects on the central nerve system. Symptoms of neurotoxicity may include loss of appetite, headache, dizziness, tingeling sensation in the skin, sensitiveness to cold, cramps, difficulties concentrating, fatigues etc. Repeated exposure may cause skin dryness or cracking. Persons with pre-existing skin disorders may be more susceptible to these effects.
Sensitization: This product contains substances which may cause allergic skin reactions. Symptoms will normally occur within 12-72 hours after contact.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
1,2-benzisothiazol-3(2H)-on	Fish	LC50	96 h	1,3 mg/l
1,2-benzisothiazol-3(2H)-on	Daphnia	EC50	96 h	1,5 mg/l
1,2-benzisothiazol-3(2H)-on	Algae	EC50	48 h	0,055 mg/l
1,2-benzisothiazol-3(2H)-on	Daphnia	EC50	48 h	2,94 mg/l
1,2-benzisothiazol-3(2H)-on	Algae	EC50	24 h	0,11 mg/l
3-Iodo-2-propynyl butylcarbama...	Fish	LC50	96 timer	0,067 mg/l
3-Iodo-2-propynyl butylcarbama...	Daphnia	EC50	48 timer	0,160 mg/l
3-Iodo-2-propynyl butylcarbama...	Algae	IC50	72 timer	0,022 mg/l
5-chlor-2-methyl-2H-isothiazol...	Fish	LC50	96 h	0,19 mg/l
5-chlor-2-methyl-2H-isothiazol...	Daphnia	EC50	48 h	0,16 mg/l
5-chlor-2-methyl-2H-isothiazol...	Algae	EC50	72 h	0,018 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1,2-benzisothiazol-3(2H)-on	Yes	No data available	No data available
1-butoxypropan-2-ol	Yes	No data available	No data available
3-Iodo-2-propynyl butylcarbama...	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC

1,2-benzisothiazol-3(2H)-on	No	1,3	No data available
1-butoxypropan-2-ol	No	No data available	No data available
3-Iodo-2-propynyl butylcarbama...	No	2,81	No data available
5-chlor-2-methyl-2H-isothiazol...	No	0,4	No data available

12.4. Mobility in soil

1,2-benzisothiazol-3(2H)-on: Log Koc= 1,10787, Calculated from LogPow (High mobility potential.). 3-Iodo-2-propynyl butylcarbama...: Log Koc= 2,303639, Calculated from LogPow (Moderate mobility potential.). 5-chlor-2-methyl-2H-isothiazol...: Log Koc= 0,39516, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances, which can have damaging effects on water-organisms. This product contains substances, which can give unwanted long term effects in a water environment, due to its poor decomposition.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not included in the regulation of dangerous waste.

Waste

EWC code

08 01 11

Specific labelling

-

Contaminated packing

Empty containers containing residues must be disposed of in the same way as the product.

SECTION 14: Transport information

Non dangerous goods, referring to ADR and IMDG.

14.1 – 14.4

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)		14.4. Packing group		Notes
IMDG	**UN-no.**	**Proper Shipping Name**	**Class**	**PG***	**EmS**	**MP****	**Hazardous constituent**

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

Persons under 18 years of age are not allowed to work with this product according to Council Directive 94/33/EC.

Demands for specific education

-

Additional information

-

15.2. Chemical safety assessment

No

SECTION 16: Other information

Sources

EC regulation 1907/2006 (REACH)
Directive 2000/532/EC
EC Regulation 1272/2008 (CLP)

Full text of H/R-phrases as mentioned in section 3

R22 - Harmful if swallowed.
R34 - Causes burns.
R37 - Irritating to respiratory system.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R50 - Very toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.
R20/22 - Harmful by inhalation and if swallowed.
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H301 - Toxic if swallowed.
H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H331 - Toxic if inhaled.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H411 - Toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

Other symbols mentioned in section 2

-

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

Mikael Jensen

Date of last essential change (First cipher in SDS version)

-

Date of last minor change (Last cipher in SDS version)

-