

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

160 SECU Base Stain T011

Product no.

160001

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**

NA

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
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www.bj.dk

Contact person

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SDS date

16-01-2015

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**

Aquatic Chronic 3 // H412

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)

Harmful to aquatic life with long lasting effects. (H412)

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) Avoid release to the environment. (P273) Wear respiratory protection. (P284)

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Response	-
Storage	-
Disposal	Dispose of contents/container to an approved waste disposal plant. (P501)

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 liver and kidneys.

Additional labelling

-Contains Butanone oxime, 3-Iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

Additional warnings

-

VOC

VOC-MAX: 545 g/l, MAXIMUM VOC CONTENT (A (SB)): 700 g/l.

SECTION 3: Composition/information on ingredients**3.1/3.2. Substances**

NAME: Naphtha (petroleum), hydrotreated heavy
 IDENTIFICATION NOS.: CAS-no: 64742-48-9 EC-no: 265-150-3 REACH-no: 01-2119457736-27 Index-no: 649-327-00-6
 CONTENT: 40-60%
 DSD CLASSIFICATION: Xn;R65 R66
 CLP CLASSIFICATION: Asp. Tox. 1
 H304, EUH066
 NOTE: S

NAME: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics: 95-100%
 IDENTIFICATION NOS.: EC-no: 918-481-9 REACH-no: 01-2119457273-39-xxxx Index-no: 649-327-00-6
 CONTENT: 5-15%
 DSD CLASSIFICATION: Xn;R65 R66
 CLP CLASSIFICATION: Asp. Tox. 1
 H304, EUH066
 NOTE: S

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: 5-15%
 DSD CLASSIFICATION: Xi;R36/38
 CLP CLASSIFICATION: Skin Irrit. 2, Eye Irrit. 2
 H315, H319
 NOTE: S

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: Butanone oxime
 IDENTIFICATION NOS.: CAS-no: 96-29-7 EC-no: 202-496-6 Index-no: 616-014-00-0
 CONTENT: <1%
 DSD CLASSIFICATION: Xn;R21 CARC3;R40 Xi;R41 R43
 CLP CLASSIFICATION: Acute tox. 4, Eye Dam. 1, Skin Sens. 1, Carc. 2
 H312, H317, H318, H351
 NOTE: S

(*) 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

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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

Carcinogenic effects: This product contains substances which are considered, or proven to be cancerous. The substances are either classified as cancerous or are located on list of substances thought to be cancerous from the work inspection. **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. 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

Do not allow the product to contaminate surroundings; cover drains and contain product to prevent pollution of water courses and ground/soil. Avoid spreading to lakes, streams, sewers etc. In case of major spills notify the relevant authorities.

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

Do not smoke, eat or drink in working areas. Do not allow the product to contaminate surroundings; cover drains and contain product to prevent pollution of water courses and ground/soil. 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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

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 (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
 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

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

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Recommended: A, Class 2 (medium capacity), Brown

Skin protection

Wear suitable protective clothing.

Hand protection

Recommended: butyl rubber. . Breakthrough time: > 240 minutes (Class 5)

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/cm ³)
Liquid	NA	Solvent	-	35 sek ISO2431/3mm	0,85

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)
63	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

Solubility

Solubility in water	n-octanol/water coefficient
Insoluble	-

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
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
Butanone oxime	Rat	LD50	Oral	930 mg/kg
Butanone oxime	Rabbit	LD50	Dermal	1500 mg/kg
Butanone oxime	Rat	LC50	Inhalation	20 mg/l/4h
Hydrocarbons, C10-C13, n-alkan...	Rat	LD50	Oral	5000 mg/Kg
Hydrocarbons, C10-C13, n-alkan...	Rat	LD50	Dermal	5000 mg/Kg
Hydrocarbons, C10-C13, n-alkan...	Rat	LC50	Inhalation	5000 mg/Kg
Naphtha (petroleum), hydrotrea...	Rat	LD50	Oral	15000 mg/kg
Naphtha (petroleum), hydrotrea...	Rabbit	LD50	Dermal	3160 mg/kg
Naphtha (petroleum), hydrotrea...	Rat	LC50	Inhalation	4,951 mg/l/4h
1-butoxypropan-2-ol	Rat	LD50	Oral	1900 mg/kg

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Skin corrosion/irritation

No data.

Serious eye damage/irritation

No data.

Respiratory or skin sensitisation

No data.

Germ cell mutagenicity

No data.

Carcinogenicity

No data.

Reproductive toxicity

No data.

STOT-single exposure

Data on substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics: 95-100%

STOT-repeated exposure

No data.

Aspiration hazard

No data.

Long term effects

Carcinogenic effects: This product contains substances which are considered, or proven to be cancerous. The substances are either classified as cancerous or are located on list of substances thought to be cancerous from the work inspection.

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
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
Naphtha (petroleum), hydrotrea...	Fish	LC50	96 timer	> 100 mg/l
Naphtha (petroleum), hydrotrea...	Daphnia	EC50	48 timer	> 100 mg/l
Naphtha (petroleum), hydrotrea...	Algae	IC50	72 timer	> 100 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
3-Iodo-2-propynyl butylcarbama...	Yes	No data available	No data available
Butanone oxime	Yes	No data available	No data available
Hydrocarbons, C10-C13, n-alkan...	Yes	No data available	No data available
Naphtha (petroleum), hydrotrea...	Yes	No data available	No data available
1-butoxypropan-2-ol	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
3-Iodo-2-propynyl butylcarbama...	No	2,81	No data available
Butanone oxime	No	0,59	0,55
Naphtha (petroleum), hydrotrea...	No	6	No data available
1-butoxypropan-2-ol	No	No data available	No data available

12.4. Mobility in soil

3-Iodo-2-propynyl butylcarbama...: Log Koc= 2,303639, Calculated from LogPow (Moderate mobility potential.). Butanone oxime: Log Koc= 0,545621, Calculated from LogPow (High mobility potential.).

Naphtha (petroleum), hydrotrea...: Log Koc= 4,8298, Calculated from LogPow (Low mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

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12.6. Other adverse effects

This product contains ecotoxic substances, which can have damaging effects on water-organisms.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

XXX

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

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R21 - Harmful in contact with skin.
R37 - Irritating to respiratory system.
R40 - Limited evidence of a carcinogenic effect.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R50 - Very toxic to aquatic organisms.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R20/22 - Harmful by inhalation and if swallowed.
R36/38 - Irritating to eyes and skin.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
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.
H351 - Suspected of causing cancer.
H400 - Very toxic to aquatic life.
EUH066 - Repeated exposure may cause skin dryness or cracking.

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)

-