

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: anaxblend Divorce

Manufacturer: Anax Dent GmbH

SDS Expiry: 21 August 2029

Supplier Details: Henry Schein New Zealand
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Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 3 / 6 / 9

HSNO Group Standard: Dental Products Flammable Group Standard 2020 HSR002556

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – August 2025

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

Safety Data Sheet

according to 1907/2006/EC

SECTION 1:

Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name: anaxblend Divorce
- Article number: 20700010

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

Uses of the substance or mixture:

Auxiliary in dental technology

Uses advised against:

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

anax dent GmbH, Dreifelderstraße 5, 70599 Stuttgart
Tel.: +49 711 620092-0, Fax: +49 711 620092-29
e-mail: info@anaxdent.com

1.4 Emergency telephone number: +49 711 620092-0

SECTION 2:

Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids Category 2 H225

Skin irritation Category 2 H315

Specific Target Organ Toxicity - Single exposure Category 3 H336

Hazardous to the aquatic environment – Acute Hazard Category 1 H400

Hazardous to the aquatic environment - Chronic Hazard Category 1 H410

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS02



GHS07



GHS09

Signal word: Danger

Hazard-determining components of labelling

contains: cyclohexane

Hazard statements:

H225

Highly flammable liquid and vapour

H315

Causes skin irritation

H336

May cause drowsiness or dizziness.

H410

Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Nicht rauchen.

P243

Take precautionary measures against static discharge.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P403 + P233

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

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of cyclohexane and non-hazardous additives

Dangerous components:

Component: butane

CAS: 110-82-7 EC-No. 203-806-2

Amount : 50 - 95 %

Classification according to Regulation (EC) No 1272/2008:

Flammable liquids Category 2 H225

Aspiration hazard Category 1 H304

Skin irritation Category 2 H315

Specific Target Organ Toxicity - Single exposure Category 3 H336

Hazardous to the aquatic environment – Acute Hazard Category 1 H400

Hazardous to the aquatic environment - Chronic Hazard Category 1 H410

(For the wording of the listed hazard phrases refer to section 16.)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Take off all contaminated clothing immediately.

After inhalation

Move victims into fresh air. Obtain medical attention.

After skin contact

Wash off with soap and plenty of water. Obtain medical attention.

After eye contact

With eye held open, thoroughly rinse immediately with plenty of water for at least 10 minutes. Consult an ophthalmologist.

After swallowing

Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting.

Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Water spray, foam, CO₂, dry powder.

5.2 Special hazards arising from the substance or mixture

Product is flammable. Heavier than air vapour. Formation of flammable or explosive vapour/air mixtures possible.

Keep away from sources of ignition - No smoking.

5.3 Advice for firefighters

Take precautionary measures against static discharges. Water used to extinguish fire should not enter drainage systems, soil or stretches of water. Employ protective equipment commonly used in the event of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid coming into contact with the following substance/substance classes: Product. Do not breathe in vapours or aerosols.

6.2 Environmental precautions

Avoid penetration into drainage system or in rooms situated at a lower level because of danger of explosion.

Do not allow entrance in drainage systems, sewage water, groundwater or soil.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. inert absorbent kieselguhruniversal binder) pick up.

Dispose of contaminated material as a waste in a correct manner.

6.4 Reference to other sections

Wear personal protective equipment; see section 8.

Disposal considerations; see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Ensure suitable suction/aeration at the work place and with operational machinery.

Information about protection against explosions and fires

Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: Keep containers tightly closed in a dry, cool and well-ventilated place.

Information about storage in one common storage facility: Not required

Further information about storage conditions: Recommended storage temperature min. 10 °C

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems:

No further data; see item 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace::

Component: cyclohexane; CAS no. : 110-82-7

Specification : Time Weighted Average (TWA):(EH40 WEL)

Value : 100 ppm, 350 mg/m³

Specification : Short Term Exposure Limit (STEL):(EH40 WEL)

Value : 300 ppm
1050 mg/m³

Specification : Time Weighted Average (TWA):(EU ELV)

Value : 200 ppm, 700 mg/m³, Indicative

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines.

If necessary extractor suction on specific objects.

General protective and hygienic measures

If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used., Remove contaminated or saturated-clothing., Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work.,

Do not inhale vapours / aerosols.

Eye protection

Safety glasses with side-shields

Protection of hands

Check protective gloves prior to each use for their proper condition (recommended).

Gloves**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber, BR

Nitrile rubber, NBR

Body protection:

Solvent-resistant apron, Avoid contaminating clothes with product.

Breathing equipment:

If workplace exposure limit is exceeded apply Respirator with brown A-type filter.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information**Aussehen**

· Appearance / Form:	liquid
· Colour:	colorless
Smell:	characteristic
Odour threshold:	no data available.
pH value:	no data available.
Melting point/Melting range:	7 °C tested substance: Cyclohexane
Boiling point/Boiling range:	81 °C (1013 hPa) tested substance: Cyclohexane
Flash point:	-18 °C tested substance: Cyclohexane
Inflammability (solid, gaseous):	Not applicable, as aerosol
Critical values for explosion:	Lower: 1.2 Vol % tested substance: Cyclohexane Upper: 8.3 Vol % tested substance: Cyclohexane
Vapour pressure:	103 hPa (20 °C) tested substance: Cyclohexane
Ignition temperature	260 °C tested substance: Cyclohexane
Density:	0.78 g/cm ³ (20 °C) tested substance: Cyclohexane
Solubility in / Miscibility with:	< 0.1 g/l (20 °C) tested substance: Cyclohexane
Partition coefficient (n-octanol/water):	no data available
Self-inflammability:	Product is not selfigniting.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Danger of explosion:	Product is not explosive.

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: Vapours may form explosive mixture with air.

10.2 Chemical stability

Under normal conditions: stable.

10.3 Possibility of hazardous reactions

Highly flammable., Formation of flammable or explosive vapour/air mixtures possible.

10.4 Conditions to avoid: Heat.

10.5 Incompatible materials:

Strong oxidizing agents, Nitrogen oxides (NO_x).

10.6 Hazardous decomposition products:

None

Additional information: -

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Rat: > 12000 mg/kg (oral)

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Slight irritation possible. Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

If gas/fumes/aerosols occur for short periods: irritation of mucous lining (nose, throat, eyes) possible.

STOT-repeated exposure

Formation of a toxic lung edema is possible if product continues to be inhaled despite acute irritative effect (e.g. if it is not possible to leave the danger area).

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

LC50 *Leuciscus idus melanotus*: 55 mg/l Test substance: Cyclohexane

LC50 *Carassius auratus*: 10 mg/l / 24 h Test substance: Cyclohexane

Toxicity in aquatic invertebrates

LC50 *Daphnia magna*: 340 mg/l Test substance: Cyclohexane

Toxicity to algae

EC0 *Scenedesmus quadricauda*: < 400 mg/l Test substance: Cyclohexane

Toxicity to bacteria

EC0 *Pseudomonas putida*: < 400 mg/l Test substance: Cyclohexane

12.2 Persistence and degradability

Biodegradability

Exposure time: 28 d, Result: 6 %, Test substance: Cyclohexane, Not readily biodegradable. (IUCLID).

12.3 Bioaccumulative potential

High, Test substance: Cyclohexane

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Avoid transfer into the environment

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., Test substance, Cyclohexane.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Disposal must be made according to official regulations.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

Transport on land (ADR/RID/GGVSEB)

- 14.1. UN number: UN 1145
- 14.2. UN proper shipping name: CYCLOHEXANE
- 14.3. Transport hazard class(es): 3
- 14.4. Packing group: II
- 14.5. Environmental hazards: --
- 14.6. Special precautions for user: Yes
- ADR: Tunnel Restriction Code: (D/E)
- ADR: Observe listed materials regulation §35, paragraph 1 GGVSEB

Inland waterway transport (ADN/GGVSEB (Germany))

- 14.1. UN number: UN 1145
- 14.2. UN proper shipping name: CYCLOHEXANE
- 14.3. Transport hazard class(es): 3
- 14.4. Packing group: II
- 14.5. Environmental hazards: --
- 14.6. Special precautions for user: No

Air transport ICAO-TI/IATA-DGR

- 14.1. UN number: UN 1145
- 14.2. UN proper shipping name: Cyclohexane
- 14.3. Transport hazard class(es): 3
- 14.4. Packing group: II
- 14.5. Environmental hazards: --
- 14.6. Special precautions for user: Yes
- IATA-C: ERG-Code 3H
- IATA-P: ERG-Code 3H

Sea transport IMDG-Code/GGVSee (Germany)

- 14.1. UN number: UN 1145
- 14.2. UN proper shipping name: CYCLOHEXANE
- 14.3. Transport hazard class(es): 3
- 14.4. Packing group: II
- 14.5. Environmental hazards: Yes
- 14.6. Special precautions for user: No
- EmS: F-E,S-D

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
for transport approval see regulatory information

SECTION 15: Regulatory information

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

National legislation, employment restriction

Note employment restrictions for pregnant and lactating women., Note employment restrictions for minors.

- 15.2 Chemical safety assessment:** No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

SECTION 16:
Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes compared to the previous version

* Data compared to the previous version altered.

Department issuing data sheet: anax dent GmbH

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Wording of hazard phrases and precautionary phrases listed in Sections 2 to 15

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.