

SAFETY DATA SHEET (SDS-US)

ANCAMINE 2746

VA-No.

Version

1.0 / US

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

1.1. Product identifier

Trade name : ANCAMINE 2746

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Curing Agent

Non-recommended use(s) : None known.

1.3. Details of the supplier of the safety data sheet

Company : Company
Evonik Corporation USA
299 Jefferson Road
Parsippany NJ 07054-0677
USA

Telephone : +1 (0)973-929-8000

Telefax : +1 (0)973-929-8040

E-mail : Product-Regulatory-Services@Evonik.com

Contact Canada

Company :

Telephone : +1 (0)973-929-8000

Telefax : +1 (0)973-929-8040

E-mail : Product-Regulatory-Services@Evonik.com

1.4. Emergency telephone number

Emergency information : Non-Emergency Phone Number : (800) 345-3148
In case of emergency call CHEMTREC US: 1-800-424-9300, CHEMTREC WORLD:
1-703-527-3887.

24 HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC - US & CANADA toll free: +1-800-424-9300

CHEMTREC - MEXICO toll free: 01-800-681-9531

CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification

2.1. Classification of the substance or mixture

GHS classification in accordance with 29 CFR 1910.1200

Acute toxicity (Oral)	Category 4	H302
Skin corrosion	Category 1C	H314
Serious eye damage	Category 1	H318
Skin Sensitisation	Category 1	H317
Reproductive toxicity	Category 2	H361
Specific target organ toxicity - single exposure (Respiratory system)	Category 3	H335

2.2. Label elements

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GHS classification in accordance with 29 CFR 1910.1200

Symbol(s)



Signal word

: Danger

hazard statement

: H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H335 - May cause respiratory irritation.
H361 - Suspected of damaging fertility or the unborn child.

Precautionary
Statement
(Prevention)

: P201 - Obtain special instructions before use.
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
P281 - Use personal protective equipment as required.
P264 - Wash hands thoroughly after handling.

Precautionary
Statement
(Response)

: P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
P310 - Immediately call a POISON CENTER/doctor.

2.3. Other hazards

None known.

3. Composition/information on ingredients

3.1. Substances

-

3.2. Mixtures

Hazardous components

Chemical Name	NJ Trade secrets CAS-No.	Concentration	Classification
Bisphenol A	- 80-05-7	10 % - 30 %	H318, 1, Eye Dam. H317, 1, Skin.sens. H361, 2, Repr. H335, 3, STOT SE H413, 4, Aquatic Chronic
1,3-Propanediamine, N-[3-(tridecyloxy)propyl]-, branched	- 68479-04-9	30 % - 60 %	H302, 4, Acute Tox., Oral H314, 1B, Skin Corr. H410, 1, Aquatic Chronic
Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)-	- 9046-10-0	15 % - 40 %	H314, 1C, Skin Corr. H318, 1, Eye Dam. H412, 3, Aquatic Chronic

Texts of H phrases, see in Chapter 16

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4. First aid measures

4.1. Description of first aid measures

- General advice : Seek medical advice.
If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Inhalation : Move to fresh air.
- Skin contact : Wash off immediately with soap and plenty of water. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay.
Flush immediately with copious amounts of water.
Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
Cover wound with sterile dressing.
Take off contaminated clothing and shoes immediately.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Ingestion : Prevent aspiration of vomit. Turn victim's head to the side. Never give anything by mouth to an unconscious person.

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

- Symptoms : Up to now no symptoms are known.
- Hazards : None known.

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

No information available.

NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂)
Dry chemical
Dry sand
Limestone powder
Alcohol-resistant foam

Unsuitable extinguishing media : no data available

5.2. Special hazards arising from the substance or mixture

Incomplete combustion may form carbon monoxide.
May generate ammonia gas.
May generate toxic nitrogen oxide gases.
Burning produces noxious and toxic fumes.
Do not allow run-off from fire fighting to enter drains or water courses.

5.3. Advice for firefighters

Use personal protective equipment.
Wear self-contained breathing apparatus for firefighting if necessary.

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Do not allow run-off from fire fighting to enter drains or water courses.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas.

6.2. Environmental precautions

Construct a dike to prevent spreading.

Do not allow spill to enter into sewers or waterways.

Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Place in appropriate chemical waste container. Call Emergency Response number for advice.

Approach suspected leak areas with caution.

If possible, stop flow of product.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Use personal protective equipment.

Avoid contact with skin and eyes.

Hygiene measures : Provide readily accessible eye wash stations and safety showers.

General protective measures : Discard contaminated leather articles.

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : No special measures required.

Storage

Information : Keep containers tightly closed in a cool, well-ventilated place. Do not store near acids.
Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term

Contains no substances with occupational exposure limit values.
Hazardous components without workplace control parameters

8.2. Exposure controls

Engineering controls

Appropriate engineering controls : Provide readily accessible eye wash stations and safety showers.
Provide natural or explosion-proof ventilation adequate to ensure concentrations are

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kept below exposure limits.

Personal protective equipment

- Eye protection : Full face shield with goggles underneath.
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
butyl-rubber
Nitrile rubber
Neoprene gloves
Impervious gloves
- Body Protection : No specific recommendation. Impervious clothing
Full rubber suit (rain gear).
Rubber or plastic boots Slicker Suit.
- Respiratory protection : Not required for properly ventilated areas. Not required for properly ventilated areas.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : liquid
- Form : viscous
- Colour :
- Odour : amine-like
- Odour Threshold : no data available
- pH : no data available
- Melting point : Melting point/range
Remarks: no data available
no data available
- Boiling point : 296 °C
- Flash point : > 93.4 °C
- Evaporation rate : no data available
- Flammability : no data available
- Upper Explosion/Ignition Limit : no data available
- Lower explosion limit : no data available
- Vapour pressure : 2.13 hPa
(21 °C)
- Relative vapour density : no data available
- Relative density : no data available

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Solubility(ies) : no data available

Water solubility : partly soluble

Partition coefficient: n-octanol/water : no data available

Autoignition temperature : no data available

Thermal decomposition : no data available

Viscosity, kinematic : no data available

Viscosity, dynamic : no data available

Explosive properties : no data available

Oxidising properties : no data available

9.2. Other information

Density : 0.96 g/cm³
(21 °C)

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

no data available
no data available

10.4. Conditions to avoid

no data available

10.5. Incompatible materials

Reactive metals (e.g. sodium, calcium, zinc etc.).
Materials reactive with hydroxyl compounds.
Organic acids (i.e. acetic acid, citric acid etc.).
Mineral acids.
sodium hypochlorite
Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.
Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
Oxidizing agents

10.6. Hazardous decomposition products

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Nitric acid
Ammonia
Nitrogen oxides (NO_x)
Nitrogen oxide can react with water vapors to form corrosive nitric acid.
Carbon monoxide
Carbon dioxide (CO₂)
Aldehydes
Flammable hydrocarbon fragments.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (inhalation) : No data is available on the product itself.

Irritation/corrosion of the skin : no data available

Serious eye damage/ eye irritation : no data available

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : No data is available on the product itself.

Teratogenicity : No data is available on the product itself.

Toxicity to reproduction : No data is available on the product itself.

US. National Toxicology Program (NTP) Report on Carcinogens

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US. IARC Monographs on Occupational Exposures to Chemical Agents

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Aspiration hazard : no data available

Other information : May impair fertility.
Information given is based on data on the components and the toxicology of similar products.

12. Ecological information

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Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

12.1. Toxicity

Aquatoxicity, fish : no data available
No data is available on the product itself.

Aquatoxicity, invertebrates : no data available
No data is available on the product itself.

Aquatoxicity, algae / aquatic plants : no data available
No data is available on the product itself.

Toxicity in microorganisms : no data available

chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates : no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available
no data available

12.3. Bioaccumulative potential

Bioaccumulation : no data available

12.4. Mobility in soil

Environmental distribution : no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : No data available

12.6. Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

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13.1. Waste treatment methods

Product : Contact supplier if guidance is required.
The product should not be allowed to enter drains, water courses or the soil; dispose of this material and its container in a safe way.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transport information

D.O.T. Road/Rail

- 14.1. UN number: UN 2735
- 14.2. UN proper shipping name: Amines, liquid, corrosive, n.o.s.(Propane-1,3-diamine, n-[3-(tridecycloxy)propyl]-, branched, Poly [oxy (methyl-1,2-ethanediyl)], alpha-(2-aminomethylethyl)-ome)
- 14.3. Transport hazard class(es): 8
- 14.4. Packing group: III
- 14.5. Environmental hazards (Marine pollutant): --
- 14.6. Special precautions for user: Yes
Keep separate from foodstuffs, luxury foods, feedstuffs

Air transport ICAO-TI/IATA-DGR

- 14.1. UN number: UN 2735
- 14.2. UN proper shipping name: Amines, liquid, corrosive, n.o.s.(Propane-1,3-diamine, n-[3-(tridecycloxy)propyl]-, branched, Poly [oxy (methyl-1,2-ethanediyl)], alpha-(2-aminomethylethyl)-ome)
- 14.3. Transport hazard class(es): 8
- 14.4. Packing group: III
- 14.5. Environmental hazards: Yes
- 14.6. Special precautions for user: Yes
Keep separate from foodstuffs, luxury foods, feedstuffs

Sea transport IMDG-Code/GGVSee (Germany)

- 14.1. UN number: UN 2735
- 14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S.(Propane-1,3-diamine, n-[3-(tridecycloxy)propyl]-, branched, Poly [oxy (methyl-1,2-ethanediyl)], alpha-(2-aminomethylethyl)-ome)
- 14.3. Transport hazard class(es): 8
- 14.4. Packing group: III
- 14.5. Environmental hazards (Marine pollutant): Yes
- 14.6. Special precautions for user: Yes
EmS: F-A,S-B
Keep separate from acids.
Keep separate from foodstuffs, luxury foods, feedstuffs
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: for transportapproval see regulatory information

15. Regulatory information

US Federal Regulations

SARA Title III Section 311/312 Hazard Categories
- Acute Health Hazard

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- Chronic Health Hazard

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required
APCI Specific RuleBisphenol A CAS-No.: 80-05-7

State Regulations

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Bisphenol A CAS-No.: 80-05-7

HMIS Ratings

Health:	3*
Flammability:	1
Reactivity:	0

Notification status

Europe (EINECS/ELINCS)	: listed/registered or exempted
USA (TSCA)	: listed/registered or exempted
Canada (DSL)	: listed/registered or exempted
Australia (AICS)	: listed/registered or exempted
Japan (ENCS)	: listed/registered or exempted
Korea (TCCL)	: listed/registered or exempted
Philippines (PICCS)	: listed/registered or exempted
China (IECSC)	: listed/registered or exempted

16. Other information

List of references

Other information	: 14. TRANSPORT INFORMATION
Revision date	: 11/02/2017

Relevant H phrases from chapter 3

H302	: Harmful if swallowed.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H335	: May cause respiratory irritation.
H361	: Suspected of damaging fertility or the unborn child.
H410	: Very toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.
H413	: May cause long lasting harmful effects to aquatic life.

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Legend

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization