

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**Trade name: HA Soil Cat AF**1.2 Relevant identified uses of the substance or mixture, and uses advised against:**

Waterproofing.

1.3 Details of the supplier of the safety data sheet:**Manufacturer/supplier:**

De Neef Construction Chemicals BVBA
Industriepark 8,
2220 Heist-op-den-Berg,
Belgium.

Tel: +32 15 24 93 60

Fax: +32 15 24 80 72

Further information obtainable from: conchem@deneef.com**1.4 Emergency telephone number:**

+44 (0)1235 239 670 (Multi-lingual – 24 Hours)

+44 (0)1235 239 671 (Dedicated phone line for Arabic speaking countries - 24 Hours)

EHS Department, Cikarang, Indonesia - Tel. No.: - (62-21) 893-4260

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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

GHS05

Signal word Danger

Hazard-determining components of labelling:

2-[2-(dimethylamino)ethyl]methylamino]ethanol

2-dimethylaminoethanol

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: HA Soil Cat AF

(Contd. of page 1)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

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 characterization: Mixtures:**Description:** Mixture of substances listed below with non-hazardous additions.**Dangerous components:**

CAS: 6846-50-0 EINECS: 229-934-9 Reg.nr.: 01-2119451093-47-XXXX	2,2-dimethyl-1-(methylethyl)-1,3-propanediyl bis(2-methylpropanoate) ----- Aquatic Chronic 3, H412	50-100%
CAS: 2212-32-0 EINECS: 218-658-4	2-[2-(dimethylamino)ethyl]methylamino]ethanol ----- Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	5,0-10,0%
CAS: 108-01-0 EINECS: 203-542-8 Index number: 603-047-00-0	2-dimethylaminoethanol ----- Flam. Liq. 3, H226 Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	2,0-5,0%

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:**General information:** Get medical advice/attention if you feel unwell.**After inhalation:** No special measures required.**After skin contact:** Wash with plenty of soap and water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

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

No further relevant information available.

(Contd. on page 3)

GBN

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: HA Soil Cat AF

(Contd. of page 2)

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

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media:****Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** Wear self-contained respiratory protective device.**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:**

Risk of serious damage to eyes.

Prevent formation of aerosols.

Avoid contact with skin.

Do not eat, drink or smoke when using this product.

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

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.

(Contd. on page 4)

GBN

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: HA Soil Cat AF

(Contd. of page 3)

7.2 Conditions for safe storage, including any incompatibilities:

STORAGE

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions:

Protect from frost.

Store in a dry place.

Keep cool.

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

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

108-01-0 2-dimethylaminoethanol

WEL (Great Britain)	Short-term value: 22 mg/m ³ , 6 ppm Long-term value: 7,4 mg/m ³ , 2 ppm
---------------------	--

Additional information: Based on the lists valid at the date of MSDS creation.

8.2 Exposure controls:

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A.

Protection of hands: Protective gloves.

Material of gloves: Rubber gloves.

Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

(Contd. on page 5)

GBN

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: *HA Soil Cat AF*

(Contd. of page 4)

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

GENERAL INFORMATION

Appearance:

Form:	Liquid.
Colour:	Colourless.
Odour:	Amine-like.
Odour threshold:	Not determined.

pH-value (~): Not determined.

Change in conditions:-

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 180 °C
Flash point:	> 100 °C

Flammability (solid, gaseous): Not applicable.

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

EXPLOSION LIMITS

Lower:	Not determined.
Upper:	Not determined.
VOC Content:	Not determined.

Vapour pressure: Not determined.

Density at 20 °C: ~ 0,9 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in/Miscibility with:-

Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

VISCOSITY

Dynamic: Not determined.

Kinematic: Not determined.

Molecular weight Not applicable.

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: Stable under normal conditions.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

(Contd. on page 6)

GBN

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: *HA Soil Cat AF*

(Contd. of page 5)

10.3 Possibility of hazardous reactions Reacts with acids, oxidising agents.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

ACUTE TOXICITY

LD/LC50 values relevant for classification:

108-01-0 2-dimethylaminoethanol

Dermal	LD50	2000 mg/kg (rat) 1370 mg/kg (rabbit)
Inhalative	LC50, 4h	3,25 mg/l (mus)

Primary irritant effect:-

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

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

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity:

AQUATIC TOXICITY No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to water.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

(Contd. on page 7)

GBN

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: *HA Soil Cat AF*

(Contd. of page 6)

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Not Regulated

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Not Regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Not Regulated

14.4 Packing group

ADR, IMDG, IATA

Not Regulated

14.5 Environmental hazards:

Marine pollutant:

No.

14.6 Special precautions for user:

Not Regulated

14.7 Transport in bulk according to Annex II

of MARPOL73/78 and the IBC Code:

Not Regulated

UN "Model Regulation":

Not regulated for transport.

SECTION 15: Regulatory information

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

See Section 2 for hazard identification.

National regulations:

Other regulations, limitations and prohibitive regulations: All components EINECS listed or exempt.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

GBN
(Contd. on page 8)

Safety Data Sheet
According to 1272/2008/EC (CLP)

Printing Date: 01.09.2015

Version Number: 1.0

Revision Date: 01.09.2015

Trade name: HA Soil Cat AF

(Contd. of page 7)

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Department issuing MSDS:

EHS Department,
Asia Pacific Region
Grace Construction Products
SCIP, Canlubang, Calamba City, Laguna
Philippines 4028
Tel: ++63 (02) 884-0300, Fax: ++63 (49) 549-7778

Other Information:

In the previous MSDS, version control was by Issue Number and Date. With the change to alternative MSDS creation software, version control is now based on printing and review dates which appear at the top of each page. Also consequent on this change, amendments have been made in all Sections of this MSDS. In future updates to MSDS, amended sections will be indicated by an asterisk (*) in the left-hand margin.

The first date of preparation: 13.07.2015**Number of revision times and the latest revision date:** 1.0 / 01.09.2015

GBN