

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

1 Identification

Product identifier

Trade name: DARAVAIR AT 30

SDS ID Number: 60052

Relevant identified uses of the substance or mixture, and uses advised against:
Specialty construction product. Not intended for other uses.

Product category Concrete Admixture

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Causes serious eye damage.

Label elements:

Hazard pictograms



GHS05

Danger

Hazard statements

Causes serious eye damage.

Precautionary statements

Wear eye protection / face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

NFPA ratings (scale 0 - 4)



Health = 3
Fire = 1
Reactivity = 0

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: **DARAVAIR AT 30**

(Cont. from page 1)

HMIS-ratings (scale 0 - 4)

HEALTH 3

Health = 3

FIRE 1

Flammability = 1

REACTIVITY 0

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.**Hazardous components:**

102-71-6	Triethanolamine	2.0-5.0%
61790-45-2	Fatty acids, tall-oil, sodium salt	2.0-5.0%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.**After skin contact:**

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:

Rinse cautiously with water for several minutes.

Seek immediate medical advice.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:**Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.**5 Fire-fighting measures****Extinguishing media****Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray.**Special hazards arising from the substance or mixture**

Combustion products may include toxic gases such as carbon monoxide and smoke.

(Cont. on page 3)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: *DARAVAIR AT 30*

(Cont. from page 2)

Advice for firefighters**Protective equipment:** Wear personal protective equipment.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Avoid release to the environment.**Methods and material for containment and cleaning up:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Dispose contaminated material as waste according to section 13 of the SDS.

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.

7 Handling and storage**Handling:****Precautions for safe handling** Open and handle receptacle with care.**Information about protection against explosions and fires:** No special measures required.**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:** Keep receptacle tightly sealed.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:****102-71-6 Triethanolamine**TLV (USA) | Long-term value: 5 mg/m³**Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

(Cont. on page 4)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: **DARAVAIR AT 30**

(Cont. from page 3)

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:

Safety glasses with side shield protection.



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

Body protection:

Protective work clothing

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information**Appearance:**

Form:	Liquid
Color:	Brown
Odor:	Mild woody odor
Odor threshold:	Not applicable.

pH-value (~) at 20 °C (68 °F): 10

Change in condition

Melting point/Melting range:	0 °C (32 °F)
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	A flash point determination is unnecessary due to high water content.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not applicable.

Decomposition temperature: Not applicable under normal storage conditions.

Auto igniting: Product is not self-igniting.

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

Explosion limits:

Lower:	Not applicable.
Upper:	Not applicable.
VOC Content (max):	Not applicable.

Vapor pressure:	Not determined.
Density: (~)	Not applicable.
Relative density	1 g/cm ³ (8.3 lbs/gal)
Vapor density	Not applicable.
Evaporation rate	Not applicable.

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: **DARAVAIR AT 30**

(Cont. from page 4)

Solubility in / Miscibility with Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 25 °C (77 °F):	<100 cps (Brookfield)
Kinematic:	Not determined.
Molecular weight	Not applicable.
Other information	No further relevant information available.

10 Stability and reactivity**Reactivity** Stable under normal conditions.**Chemical stability** Stable under normal conditions.**Thermal decomposition:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****102-71-6 Triethanolamine**

Oral	LD50	5,300 mg/kg (guinea pig) 6,400 mg/kg (rat - male)
Dermal	LD50	>10,000 mg/kg (rabbit)
	LC50, 96h	11,800 mg/l (fish)

Primary irritant effect:**on the skin:** No irritating effect expected**on the eye:** Causes serious eye damage.**inhalation:** No irritating effect expected**Additional toxicological information:****102-71-6 Triethanolamine**

NOEC/NOEL 16 mg/l (crustaceans) (Chronic NOEC)

Carcinogenic categories**IARC (International Agency for Research on Cancer) Human Carcinogenicity:****Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

102-71-6 | Triethanolamine

3

NTP (National Toxicology Program)**K-Known to be carcinogenic, R-May reasonably be anticipated to be carcinogenic**

None of the ingredients are listed.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: *DARAVAIR AT 30*

(Cont. from page 5)

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

12 Ecological information**Toxicity****Aquatic toxicity:****102-71-6 Triethanolamine**

EC50, 72h 512 mg/l (algae)

EC50, 48h 609.88 mg/l (daphnia magna)

Persistence and degradability No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Disposal methods:**

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

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

Uncleaned packagings:**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**14 Transport information****UN-Number**

DOT, IMDG, IATA Not applicable.

UN proper shipping name

DOT, IMDG, IATA Not applicable.

Transport hazard class(es)

DOT, IMDG, IATA

Class Not applicable.

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

Reviewed on 11/08/2018

Trade name: *DARAVAIR AT 30*

(Cont. from page 6)

Packing group
DOT, IMDG, IATA Not applicable.

Environmental hazards:
Marine pollutant: No

Special precautions for user Not applicable.

Transport/Additional information:

DOT
Remarks: Not Regulated.

UN "Model Regulation": Not applicable.

15 Regulatory information

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories: Health Hazard - Serious eye damage or eye irritation

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States):

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

85409-27-4	Rosin, maleated, potassium salt	1.0-2.0%
7732-18-5	Water	50-100%

California Proposition 65: (Substances <0.1% unless noted in Section 3)

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Carcinogenicity Categories

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)

Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable

Triethanolamine	A3
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NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health,

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 11/08/2018

Version Number 1.2

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Trade name: DARAVAIR AT 30

right-to-know and environmental protection.

(Cont. from page 7)

Department issuing SDS:

GCP Applied Technologies

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