

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

Safety Data Sheet date: 26/1/2021, ver 1.1

1 Identification

G&S Product Identifier

Mixture identification:

Trade name: SYNCLAIR A2 GEL

SDS code: P40460

Refractive index (20°C): 1.405

Recommended use:

Cleaner

Industrial uses

Restrictions on use:

No uses advised against are identified.

Supplier details

, a full name:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax

+353 21 4889923 / ireland@socomore.com

Distributor:

Surface Prep New Zealand Ltd, 301/ 6-8 Heather Street Parnell, Auckland 1052, NEW

ZEALAND, PH 021 455595 / john@sea2sky.co.nz

Chemical name and CAS number (if applicable) for the safety data sheet:

tech@socomore@socomore.com

Emergency contact (if applicable):

New Zealand emergency phone number: 0800 764 766 (0800 POISON)

2 Hazard identification

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

Warning, Skin Irrit. 3, Causes mild skin irritation.

⚠ Warning, Eye Irrit. 2A, Causes serious eye irritation.

GHS hazard pictograms (if applicable):

Hazard pictograms:

Safety Data Sheet

SYNCLAIR A2 GEL - P40460



Warning

Hazard statements:

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

Precautionary statements:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye/face protection.

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

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

P337+P313 If eye irritation persists: Get medical advice/attention.

Special Provisions:

None

/ther ha0ard 1 h!%h d" #"t re ')t !# a %)a !f!%at!"#

No other hazards

2\$ C" (* " !t!"#/#f"r (at!"# "# !#.red!e#t

S' - ta#%e

N.A.

, !3t're

Hazardous components within the meaning of GHS and related classification:

4ty	Na (e	Ide#t\$ N' (-er	C)a !f!%at!"#
>= 1% - < 3%	ISOTRIDECANOL, ETHOXYLATED (2-5 OE)	CAS: 69011-36-5 EC: 500-241-6 REACH No.: 01- 2119976362 -32	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 4.1/C3 Aquatic Chronic 3 H412
>= 0.5% - < 1%	2-AMINOETHANOL	CAS: 141-43-5 EC: 205-483-3	2.6/4 Flam. Liq. 4 H227 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.2/1C Skin Corr. 1C H314 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.8/3 STOT SE 3 H335 4.1/A2 Aquatic Acute 2 H401

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

6\$ A%#de#ta) re)ea e (ea 're

Per "#a) *re#a'tl"# , *r"te%t!ve e8'!* (e#t a#d e (er.e#%y *r"%ed're

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

E#v!r"# (e#ta) *re#a'tl"#

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

, eth'd a#d (ater!a) f"r %"#ta!# (e#t a#d %)ea#!#. ' *

Wash with plenty of water.

9\$ &a#d)!#. a#d t"ra.e

Pre#a'tl"# f"r afe ha#d)!#.

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

C"#d!t!"# f"r afe t"ra.e, l#%)'d!#. a#y l#%" (*at!-!)tle

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

:\$ E3* " 're %"#tr") /*er "#a) *r"te%t!"#

C"#tr") *ara (eter

2-AMINOETHANOL - CAS: 141-43-5

- OEL Type: National - TWA(8h): 0.5 mg/m³ - Notes: Germany- DFG, EU, Y, Sh, H, 11

- OEL Type: National - TWA(8h): 2.5 mg/m³, 1 ppm - STEL: 7.6 mg/m³, 3 ppm - Notes: France VLEC - TMP N° 49, 49 Bis

- OEL Type: EU - TWA(8h): 2.5 mg/m³, 1 ppm - STEL: 7.6 mg/m³, 3 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 3 ppm - STEL: 6 ppm - Notes: Eye and skin irr

- OEL Type: National - TWA(8h): 2.5 mg/m³, 0.98 ppm - STEL: 7.6 mg/m³, 3 ppm -

Notes: Netherland

- OEL Type: National - TWA(8h): 2.5 mg/m³, 1 ppm - STEL: 7.6 mg/m³, 3 ppm - Notes: Belgium

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

- OEL Type: National - TWA(8h): 2.5 mg/m³, 1 ppm - STEL: 7.6 mg/m³, 3 ppm - Notes: UK

DNEL E3* " 're LI (It ;a)'e

2-AMINOETHANOL - CAS: 141-43-5

Worker Industry: 1 mg/kg - Consumer: 0.24 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 3.3 mg/m³ - Consumer: 2 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, local effects

Consumer: 3.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, local effects

PNEC E3* " 're LI (It ;a)'e

2-AMINOETHANOL - CAS: 141-43-5

Target: Fresh Water - Value: 0.085 mg/l

Target: Marine water - Value: 0.0085 mg/l

Target: Freshwater sediments - Value: 0.425 mg/l

Target: Marine water sediments - Value: 0.0425 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Soil (agricultural) - Value: 0.035 mg/kg

Target: PNEC intermittent - Value: 0.025 mg/l

A**r**rlate e#. !#eer!#. %"#tr") :

None

l#dlv!d'a) *r"te%t!"# (ea 're , '%h a *er "#a) *r"te%t!ve e8'!* (e#t <PPE=

Eye *r"te%t!"#:

Safety goggles (EN 166)

Pr"te%t!"# f"r >!#:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Pr"te%t!"# f"r ha#d :

NR (natural rubber, natural latex).

NBR (nitrile rubber).

PVC (polyvinyl chloride).

PVA (Polyvinyl alcohol).

Butyl rubber (isobutylene-isoprene copolymer)

Re *!rat"ry *r"te%t!"#:

Not needed for normal use.

?her (a) &a0ard :

None

@\$ Phy !%a) a#d %he (!%a) *r" *ertle

Pr" *ertle	;a)'e	, eth"d:	N"te
Appearance and colour:	Hazy colourless gel	--	--
Odour:	N.A.	--	--
pH:	11.4	--	--

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

Kinematic viscosity	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 °C	--	--
Flammability	N.A.		
Flash point (°C):	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	17.5	--	--
Vapour density:	0.675	--	--
Relative density:	1.01	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	573°C/1000°F	--	--
Decomposition temperature:	N.A.	--	--
Particle characteristics:			
Particle size (average and range)	N.A.	--	--

10\$ Sta-!)!ty ?"3!%")" .!%a) !#f"r (at!"#

Rea%tlv!ty

Stable under normal conditions

Che (!%a) ta-!)!ty

Stable under normal conditions

P40460/1

Page 6 / 11

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

P " !-!)lty "f ha0ard" ' rea%t!"#
None
C "#d!t!"# t" av"!d
Stable under normal conditions.
l#%" (*at!-)e (ater!a)
None in particular.
&a0ard" ' de%" (* " !t!"# *r"d'%t
None.

11\$? "3!%") " .!%a) !#f"r (at!"#

l#f"r (at!"# " # t"3!%") " .!%a) effe%t
?"3!%") " .!%a) !#f"r (at!"# "f the *r"d'%t:
N.A.

? "3!%") " .!%a) !#f"r (at!"# "f the (a!# ' - ta#%e f "'#d !# the *r"d'%t:
ISOTRIDEKANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Carcinogenicity:

Test: NOAEL > 250 MGKGBWDAY

Reproductive toxicity:

Test: NOAEL > 250 MGKGBWDAY

STOT-repeated exposure:

Route: Oral - Species: Rat = 50 MGKGBWDAY - Duration: 2 years

2-AMINOETHANOL - CAS: 141-43-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1089 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg

Test: LC50 - Route: Inhalation Dust > 1 mg/l - Duration: 4h

Reproductive toxicity:

Test: NOAEL - Species: Rat = 225 MGKGBWDAY - Notes: development

Test: NOAEL - Species: Rat = 300 MGKGBWDAY - Notes: fertility

STOT-single exposure:

Test: C - Route: Inhalation Dust > 5 mg/l - Duration: 4h

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 300 mg/kg/d - Duration: > 75 days - Source: OECD 416, Experimental value - Notes: Effect: Body weight, weight of organs, consumption food

Test: NOAEC - Route: Inhalation - Species: Rat = 10 mg/m3 - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experimental value - Notes: Effect: Lesions to the larynx, trachea and lungs

Test: NOEC - Route: Inhalation - Species: Rabbit = 150 mg/m3 - Duration: 4 weeks (daily, 5 days/week) - Source: OECD 412, Experimental value - Notes: No adverse systemic effects

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

If the following hazard statements are not present, the product is not classified as a hazard:

- Acute toxicity;
- Skin corrosion/irritation;
- Serious eye damage/irritation;
- Respiratory or skin sensitisation;
- Germ cell mutagenicity;
- Carcinogenicity;
- Reproductive toxicity;
- STOT-single exposure;
- STOT-repeated exposure;
- Aspiration hazard.

12. Environmental information

12.1. Persistence and degradability

Adopt good working practices, so that the product is not released into the environment.

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

b) Aquatic chronic toxicity:

Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 96 - Notes: *Leuciscus idus*

Endpoint: EC50 - Species: *Daphnia* > 10 mg/l - Duration h: 48 - Notes: *DAPHNIA MAGNA*

Endpoint: NOEC - Species: *Daphnia* = 0.37 mg/l - Duration h: 504 - Notes: *DAPHNIA MAGNA*

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 140 mg/l

d) Terrestrial toxicity:

Endpoint: NOEC = 10 mg/kg - Notes: *Lepidium sativum*

e) Plant toxicity:

Endpoint: EC50 - Species: Algae > 10 mg/l - Duration h: 72

2-AMINOETHANOL - CAS: 141-43-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96 - Notes: *Cyprinus carpio*

Endpoint: NOEC - Species: Fish = 1.2 mg/l - Duration h: 720 - Notes: *Oryzias latipes*

Endpoint: EC50 - Species: *Daphnia* = 65 mg/l - Duration h: 48

Endpoint: NOEC - Species: *Daphnia* = 0.85 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae = 1 mg/l - Duration h: 72 - Notes: *Pseudokirchneriella subcapitata*

Endpoint: EC50 - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: *Pseudokirchneriella subcapitata*

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria > 1000 mg/l

12.2. Biodegradability

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: > 60 - Notes: Aerobic

Biodegradability: Biodegradable - Test: OECD 311 - Duration: 60 days - %: > 60 - Notes:

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

Anaerobic

2-AMINOETHANOL - CAS: 141-43-5

Biodegradability: Biodegradability rate - Duration: 21 days - %: > 90

A! "a% ' (')at!ve * "te#t!a)

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Low bioconcentration potential

2-AMINOETHANOL - CAS: 141-43-5

Log Pow -1.91

, " -!)!ty !# "!)

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

High adsorption on soils

Log Koc > 5000 - Notes: QSAR

2-AMINOETHANOL - CAS: 141-43-5

Log Koc 1.17

/ ther adver e effe%t

No harmful effects expected.

12\$ D! * " a) % "# !derat! "#

D! * " a) (eth"d :

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

14\$?ra# * "rt !#f"r (at! "#

7N #' (-er

Not classified as dangerous in the meaning of transport regulations.

7N *r"*er h!**!#. #a (e

N.A.

?ra# * "rt ha0ard %)a <e =

N.A.

Pa%>!#. .r" ' *, If a**)!%a-)e

N.A.

E#v!r" # (e#ta) ha0ard

ADR-Enviromental Pollutant: No

IMDG-Marine pollutant: No

S*e%la) *re%a't! "# f"r ' er

N.A.

?ra# * "rt !# - ')> a%%"rd!#. t" l, / !# tr' (e#t

N.A.

16\$ Re. ')at"ry !#f"r (at! "#

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

Safety, health and environment (GHS) information: This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:

HSNO Group Standard Approval: HSR002530

16\$ / ther !#f"r (at!"#

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

Full text of phrases referred to in Section 3:

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.
- H227 Combustible liquid.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic life.

Main bibliographic sources:

- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
- CCNL - Appendix 1
- Insert further consulted bibliography

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden.

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It

Safety Data Sheet

SYNCLAIR A2 GEL - P40460

refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.