SAFETY DATA SHEET

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: **Alba-TAN**
Product Number: 1
CAS No. Mixture
EINECS No. Mixture
REACH Registration No. None assigned

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

Identified use(s) Tannin stain remover
Uses advised against: None known
Preparation Date: June 2000 **Revision Date:** May 6, 2014

1.3 Details of the supplier of the Safety Data Sheet:

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
Long Island City, New York
United States
11106
718-392-6272

5439 San Fernando Road West
Los Angeles, California
United States
90039
818-543-5850

1.4 Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300 (For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

IMPORTANT: Read this MSDS before handling and disposing of this product. Pass this information on to employees, customers, and users of this product.

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP) Skin Irrit. 2; Causes skin irritation
Eye Dam. 1; Causes serious eye damage

2.1.2 Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply//use

2.2 Label elements According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Alba-TAN

Hazard Pictogram

GHS05

Signal word(s)	Danger
Hazard statement(s)	H315: Causes skin irritation H318: Causes serious eye damage
Precautionary statement(s)	P280: Wear protective gloves/protective clothing/ eye protection/face protection P310: Immediately call a POISON CENTER/doctor P302+P352: IF ON SKIN: Wash with plenty of water P332+P313: If skin irritation occurs: Get medical advice/attention P362+P364: Take off contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Removing contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards None

2.4 Additional information None

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous Ingredients	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Cocamidopropylamine oxide	<5	68155-09-9	268-938-5	None assigned	GHS05, H314, Aquatic Acute 1; H319, H302
Hydroxyacetic Acid	2-4	79-14-1	201-180-5	None assigned	GHS05, Eye Dam. 1; H318, H302, H332, Skin Irrit. 2

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Cocamidopropylamine oxide	<5	68155-09-9	268-938-5	None assigned	C; R36, R38, R41; Xi
Hydroxyacetic Acid	2-4	79-14-1	201-180-5	None assigned	R36, R38, R41; Xn

3.2 Additional Information

For full text of H/P phrases see section 16

SECTION 4 — FIRE AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove persons affected by vapour to fresh air.
Skin Contact	IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
Eye Contact	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.
Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Causes skin irritation
Eye contact: Causes serious eye damage

4.3 Indications of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically

SECTION 5 — FIRE-FIGHTING MEASURES

5.1.1 Extinguishing Media

Suitable Extinguishing Media	Use water spray, foam, dry powder or CO2 to extinguish
Unsuitable Extinguishing Media	None known

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing Including self-contained breathing apparatus

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin and eyes. Wear suitable eye/face protection.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbant material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage Temperature	Ambient
Storage Life	Stable under normal conditions
Incompatible materials	None known

7.3 Specific end use(s)

Tannin stain remover

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr. TWA ppm)	LTEL (8 hr. TWA mg/m3)	STEL (ppm)	Note
None assigned					

8.1.2 Biological limit value Not established

8.1.3 PNECs and DNELs Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls Provide adequate ventilation

8.2.2 Personal protection equipment

Eye/face protection — Wear eye protection with side protection (EN166)

Skin protection (Hand protection/Other) — Wear protective gloves

Respiratory protection — Normally no personal respiratory protection is necessary. Handling of larger amounts: A suitable mask with filter type A (EN14387 or EN405) may be appropriate

Thermal hazards — Not applicable

8.2.3 Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1.1 Information on basic physical and chemical properties

Appearance	Liquid
Color	White to yellow tint
Odor	Mild soapy
Odor Threshold	Not established
pH	3 @ 20°C
Melting Point/Freezing Point	-10 -0° C
Initial boiling point and boiling range	100°C
Flash point	>100°C
Evaporation rate	Not available
Flammability (solid, gas)	Non-flammable

Upper/lower flammability or explosive limits	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Density	1.0 @ 20° C
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

9.1.2 Other information

Solvent content	95% (water)

SECTION 10— PHYSICAL AND CHEMICAL PROPERTIES

10.1	**Reactivity**	Stable under normal conditions
10.2	**Chemical stability**	Stable under normal conditions
10.3	**Possibility of hazardous reactions**	Stable under normal conditions
10.4	**Conditions to avoid**	None known
10.5	**Incompatible materials**	None known
10.6	**Hazardous Decomposition Product(s)**	None known

SECTION 11— TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixtures

Acute toxicity	Low acute toxicity
Irritation	Skin irrit.2; Causes skin irritation
Corrosivity	Eye Dam. 1; Causes serious eye damage
Sensitisation	It is not a skin sanitizer
Repeated dose toxicity	Not classified
Carcinogenicity	No evidence of carcinogenicity
Mutagenicity	There is no evidence of mutagenic potential
Toxicity for reproduction	None anticipated

11.2 Other information None

SECTION 12— ECOLOGICAL INFORMATION

12.1	**Toxicity**	Low toxicity to aquatic organisms
12.2	**Persistence and degradability**	No information available
12.3	**Bioaccumulative potential**	No information available
12.4	**Mobility in soil**	Soluble in water. The product is predicted to have high mobility in soil.
12.5	**Results of PBT and vPvB assessment**	Not classified as PBT or vPvB
12.6	**Other adverse effects**	None

SECTION 13— DISPOSAL CONSIDERATIONS

13.1	**Waste treatment methods**	Dispose at suitable refuse site
13.2	**Additional information**	Disposal should be in accordance with local, state or

national legislation.

SECTION 14— TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1	**UN number**	Not applicable
14.2	**UN Proper Shipping Name**	Not applicable
14.3	**Transport hazard class(es)**	Not applicable
14.4	**Packing Group**	Not applicable
14.5	**Environmental hazards**	Not applicable
14.6	**Special precautions for user**	Not applicable
14.7	**Transport in buld according to Annex II MARPOL73/78 and the IBC code**	Not applicable

SECTION 15— REGULATORY INFORMATION

15.1	**Safety, health and environmental regulations/legislation specific for the substance or mixture**	
15.1.1	**EU regulations**	
	Authorizations and/or restrictions on use	
	Candidate List of Substances of Very High Concern for Authorization	All chemicals are not listed
	REACH: ANNEX XIV List of substances subject to authorization	All chemicals are not listed
	REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Community Rolling Action Plan (CoRAP); Draft 04/11/2013	All chemicals are not listed
15.1.2	**National regulations**	None known
15.2	**Chemical Safety Assessment**	Not available

SECTION 16— OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Flam. Sol. 2	Flammable solid Category 2
Acute Tox. 4	Acute toxicity Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Eye Dam. 1	Serious eye damage/irritation Category 1
Eye Irrit. 2	Serious eye damage/irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity – single exposure Category 3

Aquatic Acute 1	Hazardous to the aquatic environment Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment Category 3
C	Corrosive
F	Flammable
N	Dangerous for the environment
Xn	Harmful
Xi	Irritant

Risk Phrases

R11	Highly flammable
R34	Causes burns
R38	Irritating to skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
R20/22	Harmful by inhalation and if swallowed
R36/38	Irritating to eyes and skin

Hazard statement(s) and Precautionary Statement(s)

H228	Flammable solid
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
P264	Wash thoroughly after handling

Hazard pictogram(s) and Hazard Symbol

GHS02

GHS05

GHS07

C

F

N

Xi

Xn

GHS09

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Annex to the extended Safety Data Sheet (eSDS)

No information available