### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Affinage Infiniti Lite Blonde 750G

1.2 Proper shipping name Oxidizing Solid, Corrosive, N.O.S (Sodium Silicate, Ammonium Peroxydisulphate)

**1.3 Recommended use** Hair Bleaching Powder (for cosmetic use)

1.4 Supplier International Hair Cosmetics Group Pty Ltd / Affinage 14 India St (Cnr Tombo Street), Capalaba, QLD 4157
 1.5 Telephone number 61 7 3823 4566 (Weekdays 9.00 am to 5.00 pm)

### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1 Hazard classification and indication

UN 3085 Class 5.1 (8)

This product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Oxidising solid, category 3 H272: May intensify fire; oxidiser. Acute toxicity, category 4 H302: Harmful if swallowed.

Skin corrosion, category 1B H314: Causes severe skin burns and eye damage.

Serious eye damage, category 1 H318: Causes serious eye damage.

Specific target organ toxicity - single exposure, category 3 H335: May cause respiratory irritation.

Respiratory sensitization, category 1 H334: May cause allergy or asthma symptoms or breathing Skin sensitization, category 1 H317: May cause an allergic skin reaction.

#### 2.2 Label Elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

#### **Hazard Pictograms:**









Signal Words:

DANGER

#### **Hazard statements**

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

### Precautionary statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P220: Keep away from clothing and other combustible materials.

P260: Do not breathe dust / fume / gas / mist / vapours / spray.

 ${\tt P264: Wash...thoroughly\ after\ handling.}$ 

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

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).

 ${\sf P304 + P340: IF\ INHALED: remove\ person\ to\ fresh\ air\ and\ keep\ comfortable\ for\ breathing.}$ 

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

P310: Immediately call a POISON CENTER / doctor / ...

Contains: DISODIUM METASILICATE

SODIUM SILICATE
SODIUM PERSULFATE

AMMONIUM PEROXYDISULPHATE

### 2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

Affinage Infiniti Lite Blonde Page 1 of 9

### **SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

#### 3.1 Substances

Information not relevant

#### 3.2 Mixtures

Contains:

The full wording of hazard (H) phrases is given in section 16 of the sheet.

Chemical Name/Identification	CAS	x = Conc. %	Classification 1272/2008 (CLP)
Sodium Silicate	1344-09-8	10 ≤ x < 25	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3
EC 215-687-4			H335
INDEX -			
Reg.No. 01-2119448725-31-0011			
AMMONIUM PEROXYDISULPHATE	7727-54-0	10 ≤ x < 25	Ox. Sol. 3 H272, Acute Tox.4 H302, Eye Irrit. 2
EC 231-786-5			H319, Skin Irrit. 2 H315, STOT SE 3 H335, Resp.
INDEX 016-060-00-6			Sens. 1 H334, Skin Sens. 1 H317
Reg.No. 01-2119495973-19-0000			
SODIUM PERSULPHATE	7775-27-1	5 ≤ x < 10	Ox. Sol. 3 H272, Acute Tox.4 H302, Eye Irrit. 2
EC 231-892-1			H319, Skin Irrit. 2 H315, STOT SE 3 H335, Resp.
INDEX -			Sens. 1 H334, Skin Sens. 1 H317
Reg.No. 01-2119495975-15-0000			
DISODIUM METASILICATE	6834-92-0	5 ≤ x < 10	Met. Corr. 1 H290, Skin Corr. 1B H314, STOT SE 3
EC 229-912-9			H335
INDEX 014-010-00-8			
Reg.No. 01-2119449811-37-xxxx			

### **SECTION 4: FIRST AID MEASURES**

INGESTION:

### 4.1 Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with

plenty of water for at least 30-60 minutes, opening the eyelids

fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly

authorised by a Doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to

fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable

precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available.

# **SECTION 5: FIRE FIGHTING MEASURES**

5.1 Suitable Extinguishing Media
Extinguishing substances are: carbon dioxide and chemical

powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and

protect those trying to stem the leak.

Unsuitable Extinguishing Media Do not use jets of water. Water is not effective for putting out

fires but can be used to cool containers exposed to flames to

prevent explosions.

5.2 Special hazards arising from the substance or mixture HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion

products.

5.3 Advice for Fire fighters - General Information In the case of fire, use jets of water to cool the containers to

prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is

safe to do so.

Affinage Infiniti Lite Blonde Page 2 of 9

Special protective equipment for fire-fighters

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and

**Emergency Procedures** 

6.2

If there are no contraindications, spray powder with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**Environmental precautions** The product must not penetrate into the sewer system or come

into contact with surface water or ground water.

Methods and material for containment and cleaning up 6.3

Collect the leaked product and place it in containers for recovery or disposal. If the product is flammable, use explosion-proof equipment. If there are no contraindications, use jets of water to

eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with

the provisions set forth in point 13.

#### Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### **SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2

Conditions for safe storage, including any incompatibilities Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details. Store in cool (below 30°C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. AVOID humid organic material as paper towel, wood, clothes etc. which could induce spontaneous combustion. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left$ incompatible substances

Specific end use(s) Information not available

### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

## **Control parameters**

Regulatory References: TLV-ACGIH **ACGIH 2016** 

# **SODIUM SILICATE**

Predicted no-effect concentration - PNEC Normal value in fresh water Normal value for marine water sediment

1 mg/l Normal value for water, intermittent release 7.5mg/l Normal value of STP mircoorganisms 348mg/I

Health - Derived no-effect level - DNEL/DMEL

Route of Exposure Effects on consumers  Acute local	Acute systemic	Chronic local	Chronic systemic	Effects on workers Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		VND	0.80 mg/kg bw/d				
Inhalation Skin		VND VND	1.38 mg/m3 0.8 mg/kg bw/d			VND VND	5.61 mg/m3 1.59 mg/kg bw/d

7.5mg/l

Affinage Infiniti Lite Blonde Page 3 of 9

AMMONIUM PERO									
Threshold Limited Type	Value		Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm		
VLA TLV-ACGIH			ESP	0.1 0.1		,			
Predicted no-effec	t concentration	- PNEC		0.1					
Normal value in fre	esh water		0.0763 mg/l						
Normal value in ma	arine water		0.011 mg/l						
Normal value for fr	esh water sedim	ient	0.275 mg/kg						
Normal value for marine water sediment		0.0396 mg/kg							
Normal value for w	,		0.763 mg/l						
Normal value of ST			3.6 mg/l						
Normal value for th		•	0.015 mg/kg						
Health - Derived no Route of Exposure			Chronic local	Chronic	Effects on	Acuta systemic	Chronic	Chronic	
Route of Exposure	consumers Acute local	Acute systemic	Chronic local	systemic	workers Acute local	Acute systemic	local	systemic	
Oral		30 mg/kg bw/d		9.1 mg/kg bw/d					
Inhalation	295 mg/m3	295 mg/m3	1.03 mg/m3	1.03 mg/m3		590 mg/m3	2.06 mg/m3	2.06 mg/m3	
Skin	1.124 mg/cm2	200 mg/kg bw/d	0.051 mg/cm2	9.1 mg/kg bw/d	2.248 mg/cm2	400 mg/kg bw/d	0.102 mg/cm2	18.2 mg/kg bw/	
DISODIUM METAS	ILICATE								
Health - Derived no	o-effect level - D	NEL / DMEL							
Route of Exposure	Effects on	Acute systemic	Chronic local	Chronic	Effects on	Acute systemic	Chronic	Chronic	
	consumers Acute local			systemic	workers Acute local		local	systemic	
Oral				0.74 mg/kg					
Inhalation Skin				bw/d 1.55 mg/m3		6.22		6.22 mg/m3	
SKIII				0.74 mg/kg bw/d				1.49 mg/kg bw/	
SODIUM PERSULFA									
Threshold Limited	Value		C	T14/4 /01 / 2		CTEL /A E in			
Туре			Country	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm		
VLA TLV-ACGIH			ESP	0.1 0.1					
Predicted no-effec		- PNEC							
Normal value in fre			0.0763 mg/l						
Normal value in ma			11 mg/l						
Normal value for in			0.275 mg/kg 0.396 mg/kg						
Normal value for w			0.763 mg/l						
	•		3.6 mg/l						
Normal value of STP microorganisms  Normal value for the terrestrial compartment			0.015 mg/kg						
Health - Derived no									
<b>Route of Exposure</b>		Acute systemic	Chronic local	Chronic	Effects on	Acute systemic	Chronic	Chronic	
	consumers Acute local			systemic	workers Acute local		local	systemic	
Oral		30 mg/kg bw/d		9.1 mg/kg bw/d					
Inhalation Skin	295 mg/m3 1.124 mg/cm2	295 mg/m3 200 mg/kg bw/d	1.03 mg/m3 0.051 mg/cm2	1.03 mg/m3 9.1 mg/kg bw/d	2,848	590 mg/m3 400 mg/kg	2.06 mg/m3 0.102 mg/cm2	2.06 mg/m3 18.2 mg/kg bw/	
					mg/cm2	bw/d			
LEGEND: (C) = CEILING	INHAL = Inhalable Fraction		RESP = Respirat	ole Fraction	THORA = Tho	racic Fraction			
			•	·					
VND = hazard identified but no DNEL/PNEC available		NEA = no exposure expected		NPI = no hazard identified					

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m3; PNOC inhalable fraction: 10 mg/m3). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

Affinage Infiniti Lite Blonde Page 4 of 9

### 8.2 Exposure controls

**EYE PROTECTION** 

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station.

HAND PROTECTION In the case of prolonged contact with the product, protect the hands with penetration-resistant

work gloves (see standard EN 374). Work glove material must be chosen according to the use

process and the products that may form. Latex gloves may cause sensitivity reactions.

**SKIN PROTECTION**Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC

and standard EN ISO 20344). Wash body with soap and water after removing protective clothing. Wear airtight protective goggles (see standard EN 166). In the presence of risks of exposure to

splashes or squirts during work, adequate mouth, nose and eye protection should be used to

prevent accidental absorption.

RESPIRATORY PROTECTION Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined

according to the outcome of risk assessment (see standard EN 149).

**ENVIRONMENTAL EXPOSURE CONTROLS**The emissions generated by manufacturing processes, including those generated by ventilation

equipment, should be checked to ensure compliance with environmental standards.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties

Powder Appearance Colour Violet Odour Characteristic Odour threshold Not available. 10-Nov Melting point/freezing point Not available. Initial boiling point Not available. Not available. **Boiling range** Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas) Not available. Lower inflammability limit Not available. Upper inflammability limit Not available. Lower explosive limit Not available. Upper explosive limit Not available. Not available. Vapour pressure Vapour density Not available. Relative density Not available. Solubility Partially soluble. Partition coefficient: n-octanol/water Not available. Auto-ignition temperature Not available. **Decomposition temperature** Not available. Not available Viscosity **Explosive properties** Not available.

9.2 Other information

Information not available

**Oxidising properties** 

## SECTION 10: STABILITY AND REACTIVITY

**10.1** Reactivity There are no particular risks of reaction with other substances in normal conditions of use.

Not available.

DISODIUM METASILICATE

The aqueous solutions act as: strong bases.

SODIUM PERSULFATE

Decomposes at temperatures above 145°C/293°F.

With water it reduces to bisulphate with the development of oxygen.

**10.2 Chemical stability** The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions The powders are potentially explosive when mixed with air.

DISODIUM METASILICATE

May react dangerously with: fluorine, lithium.

 ${\bf SODIUM\ PERSULFATE\ Reacts\ violently\ with: combustible\ substances,\ reducing\ substances.\ \ Fire}$ 

hazard. Possibility of explosion.

**10.4 Conditions to avoid** Avoid environmental dust build-up.

10.5 Incompatible materials DISODIUM METASILICATE

The aqueous solution is incompatible with: acids, organic anhydrides, acrilates, alcohols, aldehydes,

alkyl oxides, cresoles, caprolactam, epichlorohydrin, ethylene dichloride, glycols, isocyanates,

ketones, nitrates, phenoles, vinyl acetate.

1.6 Hazardous decomposition products SODIUM PERSULFATE

May develop: sulphur oxides, oxygen.

Affinage Infiniti Lite Blonde Page 5 of 9

# SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other Information not available information:

Information on likely routes of exposure: Information not available

Delayed and immediate effects as well as chronic effects

from short and long-term exposure:

Information not available

Interactive effects: Information not available

#### **ACUTE TOXICITY**

LC50 (Inhalation - vapours) of the mixture: Not classified (no significant component)
LC50 (Inhalation - mists/powders) of the mixture: Not classified (no significant component)

LD50 (Oral) of the mixture: 1954 mg/kg

LD50 (Dermal) of the mixture: Not classified (no significant component)

## SODIUM PERSULFATE

895 mg/kg LD50 (Oral) > 10000 mg/kg LD50 (Dermal) 5.1mg/l/4h LC50 (Inhalation)

## SODIUM SILICATE

3400 mg/kg LD50 (Oral) > 5000 mg/kg LD50 (Dermal) > 2.06 g/m3 LC50 (Inhalation)

### DISODIUM METASILICATE

1152 mg/kg bw LD50 (Oral) > 5000 mg/kg bw LD50 (Dermal) > 2.06 g/m3 LC50 (Inhalation)

## AMMONIUM PEROXYDISULPHATE

272mg/kg LD50 (Oral) > 2000 mg/kg LD50 (Dermal) > 5.1 mg/l/4h LC50 (Inhalation)

SKIN CORROSION / IRRITATION SERIOUS EYE DAMAGE / IRRITATION RESPIRATORY OR SKIN SENSITISATION GERM CELL MUTAGENICITY CARCINOGENICITY

STOT - SINGLE EXPOSURE STOT - REPEATED EXPOSURE ASPIRATION HAZARD

REPRODUCTIVE TOXICITY

Corrosive for the skin Causes serious eye damage

Sensitising for the skin. Sensitising for the respiratory system. Does not meet the classification criteria for this hazard class. Does not meet the classification criteria for this hazard class. Does not meet the classification criteria for this hazard class.

May cause respiratory irritation.

Does not meet the classification criteria for this hazard class. Does not meet the classification criteria for this hazard class.

Affinage Infiniti Lite Blonde Page 6 of 9

## SECTION 12: ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

### 12.1 Toxicity

SODIUM PERSULFATE

LC50 - for fish 163 mg/l/96h Oncorhynchus mykiss (Trota iridea)

EC50 - for crustacea 133 mg/l/48h (Daphnia Magna)
EC50 - for Algae / Aquatic Plants 116 mg/l/72h Metodo: OECD TG 201

EC10 for Algae / Aquatic Plants 36 mg/l/18h

Chronic NOEC for Algae / Aquatic Plants < 171 mg/l Pseudokirchneriella subcapitata (alghe cloroficee)

SODIUM SILICATE

LC50 - for fish 1108 mg/l/96h (Brachydanio rerio) EC50 - for crustacea 1700 mg/l/48h (Daphnia magna)

DISODIUM METASILICATE

LC50 - for fish \$\$1108 mg/l/96h (Brachydanio rerio) \$\$EC50 - for crustacea \$\$1700 mg/l/48h (Daphia magna)

EC50 - for Algae / Aquatic Plants 207 mg/l/72h (Schenedesmus subspicatus)

AMMONIUM PEROXYDISULPHATE

LC50 - for fish 107.6 mg/l/96h Scophthalmus maximus EC50 - for crustacea 120 mg/l/48h (Daphnia magna) EC50 - for Algae / Aquatic Plants 320 mg/l/72h Phaeodactylum EC10 - for Algae / Aquatic Plants 36 mg/l/72h Pseudomonas putida

#### 12.2 Persistance and degradabilty

SODIUM PERSULFATE

Solubility in water 730 g/l

Biodegradability: Information not available

DISODIUM METASILICATE

Solubility in water 210000 mg/l

Biodegradability Information not available.

AMMONIUM PEROXYDISULPHATE

Solubility in water >10000 mg/l

Biodegradability Information not available.

**12.3** Bioaccumulative potential Information not available.

**12.4 Mobility in soil** Information not available.

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%

**12.6** Other adverse effects Information not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste

management regulations.

Affinage Infiniti Lite Blonde Page 7 of 9

**SECTION 14: TRANSPORT INFORMATION** 

ADR / RID. IMDG. IATA: 14.1 UN number 3085

14.2 **UN Proper shipping name** ADR / RID, IMDG, IATA: OXIDIZING SOLID, CORROSIVE, N.O.S. MIXTURE

14.3 Transport hazard class(s) ADR / RID, IMDG, IATA: CLASS: 5.1 LABEL: 5.1 (8)

14.4 Packing group ADR / RID, IMDG, IATA: Ш

14.5 **Environmental hazards** 

> ADR / RID: NΩ IMDG NO IATA NO

Special precautions for user 14.6

ADR / RID: HIN - Kemler: 58 Limited Quantities: 5 kg Tunnel restriction code: (E)

Special Provision: -

IMDG: EMS: F-A, S-Q Limited Quantities: 5 kg

IATA: Cargo: Maximum Quantity: 100 Kg Packaging Instructions: 563 Packaging Instructions: 559

Pass: Maximum Quantity: 25 Kg

Special Instructions:

Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

### **SECTION 15: REGULATORY INFORMATION**

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

Seveso Category - Directive 2012/18/EC: P8

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Contained substance

Point 65 AMMONIUM PEROXYDISULPHATE

Reg. no.: 01-2119495973-19-0000

Substances in Candidate List (Art. 59 REACH) On the basis of available data, the product does not contain any

SVHC in percentage greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH) Substances subject to exportation reporting pursuant to

(EC) Reg. 649/2012:

None None

**Substances subject to the Rotterdam Convention:** None Substances subject to the Stockholm Convention: None

**Healthcare controls:** Workers exposed to this chemical agent must not undergo health

> checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest

and that the 98/24/FC directive is respected

15.2 Chemical safety assessment No chemical safety assessment has been processed for the

mixture and the substances it contains.

## **SECTION 16: OTHER INFORMATION**

Text of hazard (H) indications mentioned in section 2-3 of the sheet.

Ox. Sol. 3 Oxidising solid, category 3

Met. Corr. 1 Substance or mixture corrosive to metals, category 1

Acute Tox. 4 Acute toxicity, category 4 Skin Corr. 1B Skin corrosion, category 1B Eve Dam. 1 Serious eye damage, category 1 Eye Irrit. 2 Eye irritation, category 2 Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3

Resp. Sens. 1 Respiratory sensitization, category 1 Skin Sens. 1 Skin sensitization, category 1 H272 May intensify fire; oxidiser H290 May be corrosive to metals H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage H319 Causes serious eye irritation H315 Causes skin irritation

May cause respiratory irritation. H335

H334 May cause allergy or asthma symptoms or breathing difficulties if

inhaled.

H317 May cause an allergic skin reaction.

Affinage Infiniti Lite Blonde Page 8 of 9

### SAFETY DATA SHEET

LEGEND:

ADR European Agreement concerning the carriage of Dangerous goods by Road

CAS NUMBER: Chemical Abstract Service Number

CE50 Effective concentration (required to induce a 50% effect)
CE NUMBER Identifier in ESIS (European archive of existing substances)

CLP EC Regulation 1272/2008

DNEL Derived No Effect Level

EmS Emergency Schedule

GHS Globally Harmonized System of classification and labeling of chemicals

IATA DGR International Air Transport Association Dangerous Goods Regulation

IC50 Immobilization Concentration 50%

IMDG International Maritime Code for dangerous goods

IMO International Maritime Organization

INDEX NUMBERIdentifier in Annex VI of CLPLC50Lethal Concentration 50%

**LD50** Lethal Dose 50%

OEL Occupational Exposure Level

**PBT** Persistent bioaccumulative and toxic as REACH Regulation

PEC Predicted environmental Concentration

PEL Predicted exposure level
PNEC Predicted no effect concentration
REACH EC Regulation 1907/2006

RID Regulation concerning the international transport of dangerous goods by train

TLV Threshold Limit Value

TLV CEILING Concentration that should not be exceeded during any time of occupational exposure

TWA STEL Short-term exposure limit

TWA Time-weighted average exposure limit

**VOC** Volatile organic Compounds

vPvB Very Persistent and very Bioaccumulative as for REACH Regulation

WGK Water hazard classes (German)

#### **GENERAL BIBLIOGRAPHY**

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament

- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (Eu) 487/2013 (IV Atp. CLP) of the European Parliament
- Regulation (Eu) 944/2013 (V Atp. CLP) of the European Parliament
   Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament

The Merck Index - 10th Edition

**Handling Chemical Safety** 

INRS - Fiche Toxicologique (toxicological sheet)

Patty - Industrial Hygiene and Toxicology

N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

IFA GESTIS website

ECHA website

Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanita) - Italy

Issue Date: 8th May 2017
Version: Version 1

### Note for Users:

The information contained in the present sheet is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

End of SDS

Affinage Infiniti Lite Blonde Page 9 of 9