	MATERIAL SAFETY DATA SHEET Complies to EC N°1907/2006 European Parlament Rev. 00	Mod: sds 01

1. PRODUCT / COMPANY IDENTIFICATION

1.1 Product Identification
Megix Lift9 500gr / 30gr

1.2 Product use
Hair Bleaching Powder

1.3 Identification of society/company
Distributed by:
CREATE IMAGES SRL
VIA MONTE TACCARO 55
ANGRI - ITALY

1.4 Emergency phone call
+39 81 94 76 76

2. HAZARD IDENTIFICATION

2.1 Classification of hazardousness:


X_n HARMFUL
O OXIDISING

2.2 Specific risks for man and environment

R7	May Cause fire
R20/22	Harmful by inhalation and if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R42/43	May cause sensitisation by inhalation and skin contact

2.3 Main chemical-physical dangers:
The moisture with organic substance can cause an exothermic reaction and possible spontaneous combustion.
2.4 Negative Effects
Health: Irritating to eyes, skin, mucous and respiratory system. In case of massive inhalation could be irritating for respiratory system.
Environment: the product contains ingredients harmful for aquatic environment, do not disperse it in environment. Do not put into drainage system.
Connected Symptoms to correct/incorrect use: see section 4
Other Danger: in sensible people can cause an allergic reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS :

3.1 Generic Composition

The ingredients of bleaching powder are: Potassium Persulfate, Sodium Metasilicate, Ammonium Persulfate, Magnesium Carbonate, Sodium Stearate, Sodium Persulfate, Cyamopsis tetragonoloba (Guar) Gum, Silica, Hydrolyzed Keratin, Magnesium Carbonate Hydroxide, Cyclodextrin, Paraffinum Liquidum, Sodium Lauryl Sulfate, Tetrasodium EDTA, Ultramarines, Limonene, Parfum.

3.2 Composition dangerous compounds (1999/45/CE) The compound is classified dangerous (see section 2.1).

3.2.a Dangerous ingredients to human Health and Safety (67/548/CEE and subsequent adjustments)

Chemical Name	EC Number	Concentration Range %	Cas Number	Classification
POTASSIUM PERSULFATE	231-781-8	25-50	7727-21-1	**X_n** HARMFUL; **O** OXIDISING R8, R22, R36/37/38, R 42/43 **Ox.Sol.3; Acute Tox.4; Eye Irrit.2; STOT SE 3; Skin irrit.2; Resp.Sens.1; Skin Sens.1;** H 319, H315, H272, H302, H317, H334, H335
SODIUM METASILICATE	229-912-9	10-25	6834-92-0	**C** CORROSIVE R34, R37 **Skin Corr.1B; STOT SE 3;** H314, H335
AMMONIUM PERSULFATE	231-786-5	10-25	7727-54-0	**X_n** HARMFUL; **O** OXIDIZING R8, R22, R36/37/38, R 42/43 **Ox.Sol.3; Acute Tox.4; Eye Irrit.2; STOT SE 3; Skin irrit.2; Resp.Sens.1; Skin Sens.1;** H 319, H315, H272, H302, H317, H334, H335
SODIUM PERSULFATE	231-892-1	5-10	7775-27-1	**X_n** HARMFUL; **O** OXIDIZING R8, R22, R36/37/38, R 42/43 **Ox.Sol.3; Acute Tox.4; Eye Irrit.2; STOT SE 3; Skin irrit.2; Resp.Sens.1; Skin Sens.1;** H 319, H315, H272, H302, H317, H334, H335
SODIUM LAURYL SULFATE	205-788-1	< 1	151-21-3	**F** EASILY FLAMMABLE; **X_n** HARMFUL; R 11, R 21/22, R 36/37/38 **Flam. Sol.1; Acute Tox 3; Acute Tox 4; Skin Irrit.2; Eye Irrit.2; STOT SE 3;** H228, H302, H311, H315, H319, H335
Tetrasodium EDTA	200-573-9	< 1	64-02-8	**X_n** HARMFUL; **C** CORROSIVE; R22, R41, R35 **Acute Tox 4; Skin Corr. 1A; Eye Dam. 1;** H302, H314, H318
LIMONENE	227-813-5	< 1	5889-27-5	**X_i** IRRITANT; **N** DANGEROUS FOR THE ENVIRONMENT R10, R38, R43, R50/53 **Flam. Liq. 3; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 1;** H226, H315, H317, H410

N.B. In **blue** are reported data of new classification CE regulation 1272/2008. The integral text of new classification data is in the 16 section.

3.3 Dangerous ingredients for the compounds do not classified dangerous for 1999/45/CE

Not applicable

3.4 Classification by art 4 and 6 as per directive 67/548/CE

The integral text of R phrases is in the 16 section.

4. FIRST AID MEASURES

4.1 General Information
Seek medical advice, keep available the material safety data sheet.
Don't give anything by mouth to an unconscious person. Remove immediately contaminated clothing.

4.2 Inhalation
Immediately remove to fresh air. If breathing is irregular, get medical attention.

4.3 Skin contact
Wash immediately with plenty of water. Wash the contaminated clothes before using them again. If allergic reactions develop, consult a dermatologist.

4.4 Eye contact
Flush immediately with plenty of water. Remove contact lenses if used. Immediately get medical attention.

4.5 Ingestion
Rinse the mouth without swallowing. Immediately get medical attention.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media
water, water spray, foam.

5.2 Not Suitable extinguishing media
None. Extinction with CO2 powders, fluoride derivates and sand is not recommended: the product contains combustion feeding substances.

5.3 Specific dangerous and hazardous decomposition products
The product can give off toxic gases/vapours of ammonia, sulphur dioxide (SO_2) and sulphur trioxide (SO_3).

5.4 Fire-fighting Equipment
Wear breathing apparatus and complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal protection
Wear protective clothing. Avoid contact with skin and eyes. Do not inhale the powder.

6.2 Environmental precautions
Ensure adequate ventilation to avoid production of irritating dust concentrations. Avoid penetration of the product into the soil/earth. If the product reaches watercourses and/or the drainage system, advise the proper authorities.

6.3 Measures of cleaning up spillage
maintain good manufacturer hygiene. Avoid contact with skin, eyes and clothes. In case of contact, wash immediately with water. Clean any spillage and pick up mechanically; dispose of in accordance with local and national regulations

7. HANDLING AND STORAGE

7.1 Handling
Avoid localized friction and overheating. Avoid raising dust and provide adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges.

7.2 Storage
Store in a cool (below 30°C) and dry area. Avoid contamination and avoid contact with reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. Avoid humid organic materials such 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 outdoor.**

7.3 Specific use
Only professional use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposition Limit Value
Limit values for exposure to the ingredients recorded in the section 3.2.a of the safety data sheet

Ammonium Persulfate	TLV-TWA	1 mg/m^3
Potassium Persulfate	TLV-TWA (ACGIH)	0,1 mg/m^3
Sodium metasilicate	TLV-TWA	10 mg/m^3
Sodium Persulfate	TLV-TWA (UK)	1 mg/m^3

8.2 Exposition Monitoring

8.2.1 Professional Exposition Monitoring
Precautionary measures: exhaust ventilation is required where the products are stored and/or handled. Keep far from food, drink and animal feeding stuff.
a) Respiratory protection: not requested for normal use; the use of a paper mask for powders is suggested. Avoid inhalation. When containers are open, protect the face. For long term exposures, wear a mask for harmful powders.
b) Hands protection: wear protective gloves.
c) Eye protection: Protective goggles.
d) Skin protection: wear working clothes and wash the contaminated clothes before using them again.

8.2.2 Checking of environmental exposition
Not requested. See 6.2 section.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

- Appearance

Physical Form 20°C:	solid
Color:	Light Violet
Appearance:	powder
Odour : mint	

9.2 Important information for Health, Safety and Environment

- pH aqueous solution (conc.1%):		10,5 - 11,5
- Boiling Point:		n.a.
- Explosive properties:		n.d.
- Oxidizing properties:		yes, (persulfates)
- Vapour Density :		n.d.
- Bulk density:	ab.	1,00 g/ml (lightly compressed powder)
- Solubility in water:		partially soluble

9.3 Other information

- Flash point	>	150°C
- Solubility in other solvents		n.a.

10. STABILITY AND REACTIVITY

The product does not undergo decomposition if handled in accordance with regulations. The product is stable in security conditions, up to 65°C; above this temperature it slowly starts to decompose, releasing small quantities of oxygen and ammonia. At approximately 150°C decomposition becomes fast and self-accelerating, and generates oxygen which can give rise to relevant fires.
Humidity is a very important factor, because the decomposition temperature of the product moisture - when not kept under control - can decrease.

10.1 Conditions to avoid
Heat and moisture with reducing agents such as waving lotions. Avoid impacts. Do not subject to friction. May build electrostatic charges.
10.2 Incompatibilities
acids, alkali, metals, burning and combustible materials. Do not use metallic bowls or stirrers.
10.3 Hazardous decomposition products
corrosive gases/vapours; toxic gases/vapours of sulphur oxides (SO_x), ammonia, nitrogen oxides (NO_x) and ozone.

11. TOXICOLOGICAL INFORMATION

11.1 Dangerous effects
Product ingredients can give health hazards. These ingredients are irritating to skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.
Effects of chronic exposure: for purpose of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture.
Target organs: skin, respiratory system.
Route of entry: inhalation, ingestion and skin.

General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of this material; pre-existing dermatitis would be likely to get worse by a skin irritant; bronchitis is aggravated by irritant gases of particulates in the air.
Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, diarrhoea.
Further information: if used properly, further health hazards are not known, nor predictable.

11.2 Toxicological information of raw materials
The list below reports the toxicities of the main ingredients:

Potassium Persulfate	LD50 (oral)		825 mg/kg Rat
	LD50 (inhalation)	>	42,90 mg/l/1h Rat
	LD50 (dermal)	>	10000 mg/kg Rabbit
Ammonium Persulfate	LD50 (oral)		820 mg/kg Rat
	LD50 (inhalation)	>	2,95 mg/l/1h Rat
	LD50 (dermal)	>	2000 mg/kg Rabbit
Sodium Persulfate	LD50 (oral)		895 mg/kg Rat
Sodium Metasilicate	LD50 (oral)		1125 mg/kg Rat

12. ECOLOGICAL INFORMATION

General Information
Hazardous for water 1 (D) : slightly dangerous
Always follow good hygienic work practices. Avoid product dispersion in the environment.

12.1 Ecotoxicity
Due to persulfates content.
Toxicity in water of persulfates

EC50(72h)	83,7mg/l (bacteria)
EC50(48h)	120 mg/l (*daphnia)*
LC50(96h)	76,3 mg/l (fish)

12.2 Mobility
Persulfates are soluble in water, therefore if released in the environment, they will move towards underground waters away from the point of release.

12.3 Persistence and degradability	biodegradable product
12.4 Bio-accumulate potential	not bioaccumulable
12.5 PBT evaluation	n.a.
12.6 Further harmful effects	n.a.

13. DISPOSAL CONSIDERATION

Waste Treatment
Do not dispose of the product together with domestic waste. Do not let it enter the drainage system. Disposal should be in accordance with all applicable local and state regulations.
Disposal of the container: follow the directions of the local area or of the country.

14. TRANSPORT INFORMATION

UN No: 1479

Road/Railway transport (ADR/RID-GGVS/E)

- UN number 1479
  OXIDIZING SOLID, N.O.S. (Potassium persulfate, Ammonium persulfate, ecc.)
- Classification code 5.1
- Packing Group III
- Tunnel restriction code (E)
- Further information (ADR/RID): Limited quantity: LQ 12 (max 1 kg net into primary container, max 30 kg gross package)

Marine Transport (IMO/IMDG)

- UN number 1479
  OXIDIZING SOLID, N.O.S. (Potassium persulfate, Ammonium persulfate, ecc.)
- Classification code 5.1
- Packing Group III
- Marine pollutant NO
- EMS F-H, S-Q
- Further information (IMO/IMDG): Limited quantity: max 5 kg net into primary container, max 30 kg gross package

Air Transport (ICAO-TI/IATA-DGR)

- UN number 1479
  OXIDIZING SOLID, N.O.S. (Potassium persulfate, Ammonium persulfate, ecc.)
- Classification code 5.1
- Packing Group III
- Label Model 3 (as ADR/RID)
- Further information (ICAO/IATA): 1) Passenger aircraft
  Packing Instruction: 516
  Max quantity per package: 25 kg net
  Limited quantity: Packing Instruction: Y516

Max quantity per package: 10 kg net
2) Cargo aircraft
Packing Instruction: 518
Max quantity per package: 100 kg net

- ERG Code 5 L

15. REGULATORY INFORMATION

Classification according to CEE directives


X_n HARMFUL
O OXIDIZING

R Phrases	R7	May cause fire
	R20/22	Harmful by inhalation and if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	R42/43	May cause sensitization by inhalation and skin contact
S phrases	S2	Keep out of reach of children
	S7/8	Keep container tightly close and dry
	S15	Keep away from heat
	S24/25	Avoid contact with skin and eyes
	S46	If swallowed, seek medical advice immediately and show this container or label

Information relating to the limits of working conditions:
Observe the limits of employment for young people (DIR 94/33/EC)
Observe the limits of employment for pregnant or lactating women. (DIR 92/33/CEE)

Relevant national provisions
D.Lgs n.65 del 14 marzo 2003: Adoption of Directive n 1999/45/CE of European Parlament and Counsil 31 may 1999 and Directive 2001/60/CE of Commission 7 august 2001.
D.Lgs n.626 del 25/11/1996 and successive modifications: adoption of Directives 89/391 CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE e 90/679/CEE
D.M. 7 settembre 2002: adoption of Directive 2001/58/CE
D.M. Lavoro 26/02/2004
D.M. 28/02/2006 : adoption of Directive 2004/73/CE, 29°ATP
D.M. 03/04/2007: adoption of Directive 2006/8/CE. Regulation CE 1907/2006 (REACH) and Regulation CEE n°304/2003 (Export and Import of Hadzardous Materials)

16. FURTHER NFORMATION

16.1 The integral text of R phrases

R 7	May cause fire
R 8	Contact with combustible material may cause fire
R 11	Easily Flammable
R 20/22	Harmful by inhalation and if swallowed
R 21/22	Harmful in contact with skin and if swallowed
R 22	Harmful if swallowed
R 34	Causes burns
R 35	Causes serious burns

R 36/37/38	Irritating to eyes, respiratory system and skin
R 37	Irritating to respiratory system
R 41	Risk of serious damage to eyes
R 42/43	May cause sensitisation by inhalation and skin contact
R 43	May cause sensitisation by skin contact

16.2 Classification from Integral Test of (CE) Regulation n. 1272/2008

Acute Tox.3	Acute Toxicity (Category 3)
Acute Tox.4	Acute Toxicity (Category 4)
Eye Dam.1	Serious damage to eye (Category 1)
Eye Irrit.2	Irritating to eyes (Category 2)
Flam. Sol.1	Flammable solid (Category 1)
Ox.Sol.3	Oxidizing Solid (Category 3)
Resp.Sens.1	Sensitization respiratory system (Category 1)
Skin Corr. 1A	Skin Corrosion (Category 1A)
Skin Corr. 1B	Skin Corrosion (Category 1B)
Skin irrit.2	Skin Irritation (Category 2)
Skin Sens.1	Skin Sensitization (Category 1)
STOT SE 3	Specific Toxicity Organs Target- Single Exposition(Category 3)

16.3 H indications from (CE)Regulation n. 1272/2008

H 228	Flammable Solid
H 272	May intensify fire; oxidizer
H 302	May be harmful if swallowed
H 311	Toxic in contact with skin
H 314	Causes serious damage to eyes and serious skin burns
H 315	Causes skin irritation
H 317	May cause an allergic skin reaction
H 318	Causes serious damage to eyes
H 319	Causes serious eye irritation
H 334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H 335	May cause respiratory irritation

16.5 Advise for use and eventual restrictions

Do not use for other than what it is indicated. Should that not be the case, risk not estimated can be possible.

16.6 Further information

N.a.= not available

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