

1. Identification

Product identifier L'ORÉAL PROFESSIONNEL BLOND STUDIO PLATINIUM PLUS LIGHTENING PASTE

Other means of identification

SDS number 42-25-0000002

Recommended use Personal care product used for cosmetic effect.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

US Address: L'Oreal USA Products, Inc
133 Terminal Avenue
Clark, NJ 07066
USA

Canadian Address: L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4T 1K5
Canada

Emergency Phone # : 1-800-535-5053 (International: 352-323-3500)
In Canada - 1-613-996-6666 (Canutec (*666 Cellular))

For further Information: 1-732-499-2741

Poison Control # : 412-390-3326

2. Hazard(s) identification

Physical hazards	Self-heating substances and mixtures	Category 1
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Sensitization, respiratory	Category 1
	Sensitization, skin	Category 1
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
OSHA defined hazards	Not classified.	

Label elements



Signal word Danger

Hazard statement Self-heating; may catch fire. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Precautionary statement

Prevention

Keep cool. Protect from sunlight. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Maintain air gap between stacks/pallets. Store away from other materials.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
POTASSIUM PERSULFATE		7727-21-1	30
SODIUM SILICATE		1344-09-8	15
AMMONIUM PERSULFATE		7727-54-0	14.93
SODIUM METASILICATE		6834-92-0	5.13
SODIUM LAURYL SULFATE		68585-47-7	4
MAGNESIUM STEARATE		557-04-0	2
TITANIUM DIOXIDE		13463-67-7	1

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water spray. Foam. Powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Self-heating; may catch fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Keep cool. Do not get this material in contact with eyes. Do not taste or swallow. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from other materials. Maintain air gap between stacks/pallets. Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
AMMONIUM PERSULFATE (CAS 7727-54-0)	TWA	0.1 mg/m3	
MAGNESIUM STEARATE (CAS 557-04-0)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
POTASSIUM PERSULFATE (CAS 7727-21-1)	TWA	0.1 mg/m3	
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

Biological limit values	No biological exposure limits noted for the ingredient(s).
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Exposure guidelines	Occupational Exposure Limits are not relevant to the current physical form of the product.
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. General ventilation normally adequate. Provide eyewash station. Eye wash fountain and emergency showers are recommended.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	Wear positive pressure self-contained breathing apparatus (SCBA). Chemical respirator with organic vapor cartridge.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Paste.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	9.7 - 10.1
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 212.0 °F (> 100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.

Oxidizing properties Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat. Contact with incompatible materials.
Incompatible materials	Combustible material.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. None expected

Information on toxicological effects

Acute toxicity In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Harmful if swallowed.

Product	Species	Test Results
L'ORÉAL PROFESSIONNEL BLOND STUDIO PLATINIUM PLUS LIGHTENING PASTE		
<u>Acute</u>		
Dermal		
ATEmix		13400 mg/kg
Oral		
ATEmix		1691 mg/kg
Components	Species	Test Results
AMMONIUM PERSULFATE (CAS 7727-54-0)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg bw OECD 402
Inhalation		
LC50	Rat	> 2.95 mg/l, 4 h EPA OPP 81-3
Oral		
LD50	Rat	700 mg/kg bw OECD 401
MAGNESIUM STEARATE (CAS 557-04-0)		
<u>Acute</u>		
Inhalation		
LC50	Rat	> 2 mg/L air
Oral		
LD50	Rat	> 10000 mg/kg bw
POTASSIUM PERSULFATE (CAS 7727-21-1)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 10000 mg/kg

Components	Species	Test Results
Inhalation		
LC50	Rat	> 42.9 mg/l, 1 h
Oral		
LD50	Rat	1130 mg/kg OECD 401
SODIUM LAURYL SULFATE (CAS 68585-47-7)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	1800 mg/kg
SODIUM METASILICATE (CAS 6834-92-0)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 5000 mg/kg Based on test data for structurally similar materials.
Inhalation		
LC50	Rat	> 2.06 mg/l, 4.4 h Based on test data for structurally similar materials.
Oral		
LD50	Rat	1152 mg/kg
SODIUM SILICATE (CAS 1344-09-8)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg bw EPA OPPTS 870.1200
Inhalation		
LC50	Rat	> 2.06 mg/L air, 4.4 h EPA OPPTS 870.1300
Oral		
LD50	Rat	3400 mg/kg bw OECD 401
TITANIUM DIOXIDE (CAS 13463-67-7)		
<u>Acute</u>		
Inhalation		
LC50	Rat	> 6.82 mg/L air, 4 hours
Oral		
LD50	Rat	> 25000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.

Irritation Corrosion - Skin

SODIUM METASILICATE	OECD 404 Result: Corrosive Species: Rabbit
AMMONIUM PERSULFATE	OECD 404 Result: Irritating Species: Rabbit
SODIUM LAURYL SULFATE	OECD 404 Result: Irritating Species: Rabbit
SODIUM SILICATE	OECD 404 Result: Irritating Species: Rabbit
POTASSIUM PERSULFATE	Result: Irritating Species: Human
MAGNESIUM STEARATE	Result: Not Irritating

Serious eye damage/eye irritation

Causes serious eye damage.

Irritation Corrosion - Eye

SODIUM METASILICATE

IRE

Result: Corrosive

Species: In vitro

SODIUM LAURYL SULFATE

OECD 405

Result: Corrosive

Species: Rabbit

AMMONIUM PERSULFATE

OECD 405

Result: Irritating

Species: Rabbit

SODIUM SILICATE

Result: Corrosive

Species: Rabbit

POTASSIUM PERSULFATE

Result: Irritating

Species: Human

MAGNESIUM STEARATE

Result: Not Irritating

Respiratory or skin sensitization

Respiratory sensitization

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

AMMONIUM PERSULFATE

Result: Sensitizing

Species: Human

POTASSIUM PERSULFATE

Result: Sensitizing

Species: Human

Skin sensitization

May cause an allergic skin reaction.

Sensitization

AMMONIUM PERSULFATE

OECD 406

Result: Sensitizing

Species: Guinea pig

SODIUM SILICATE

OECD 429

Result: Not Sensitizing

Species: Mouse

POTASSIUM PERSULFATE

OECD 429

Result: Sensitizing

Species: Mouse

Skin sensitization

SODIUM LAURYL SULFATE

OECD 406

Result: Not Sensitizing

Species: Guinea pig

SODIUM METASILICATE

OECD 429

Result: Not Sensitizing

Species: Mouse

POTASSIUM PERSULFATE

OECD 429

Result: Sensitizing

Species: Guinea pig

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity

SODIUM METASILICATE

Result: In vitro and in vivo tests did not show mutagenic effects.

SODIUM SILICATE

Result: In vitro and in vivo tests did not show mutagenic effects.

AMMONIUM PERSULFATE

Result: In vitro tests did not show mutagenic effects

MAGNESIUM STEARATE

Result: In vitro tests did not show mutagenic effects

POTASSIUM PERSULFATE

Result: In vitro tests did not show mutagenic effects

SODIUM LAURYL SULFATE

Result: In vitro tests did not show mutagenic effects

Carcinogenicity

Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

TITANIUM DIOXIDE (CAS 13463-67-7)

2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Developmental effects

SODIUM METASILICATE

> 200 mg/kg bw/d

Result: NOAEL

Species: Mouse

SODIUM SILICATE

> 200 mg/kg bw/d

Result: NOAEL

Species: Rat

AMMONIUM PERSULFATE

> 250 mg/kg bw/d OECD 421

Result: NOAEL

Species: Rat

SODIUM LAURYL SULFATE

250 mg/kg bw/d OECD 414

Result: NOAEL

Species: Rat

Reproductivity

SODIUM METASILICATE

> 159 mg/kg bw/d

Result: NOAEL

Species: Rat

SODIUM SILICATE

> 159 mg/kg bw/d, Oral

Result: NOAEL

Species: Rat

AMMONIUM PERSULFATE

> 250 mg/kg bw/d OECD 421

Result: NOAEL

Species: Rat

SODIUM LAURYL SULFATE

2000 mg/kg bw/d OECD 422

Result: NOAEL

Species: Rat

MAGNESIUM STEARATE

4000 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

Specific target organ toxicity - single exposure May cause respiratory irritation.

SODIUM METASILICATE

Result: Irritating

SODIUM SILICATE

Result: Irritating

POTASSIUM PERSULFATE

Result: Irritating

Species: Human

Specific target organ toxicity - repeated exposure Not classified.

SODIUM METASILICATE

> 227 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

AMMONIUM PERSULFATE

Test Duration: 90 d

10.3 mg/m³, Inhalation

Result: NOAEC

Species: Rat

POTASSIUM PERSULFATE

Test Duration: 90 d

131.5 mg/kg bw/d OECD 407

Result: NOAEL

Species: Rat

SODIUM SILICATE

Test Duration: 28 d

2400 mg/kg bw/d OECD 407

Result: NOAEL

Species: Rat

MAGNESIUM STEARATE

Test Duration: 28 d

4000 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

AMMONIUM PERSULFATE

41.1 mg/kg bw/d OECD 407, Oral

Result: NOAEL

Species: Rat

SODIUM LAURYL SULFATE

Test Duration: 28 d

488 mg/kg bw/d OECD 408

Result: NOAEL

Species: Rat

Test Duration: 90 d

Aspiration hazard Not an aspiration hazard.**Further information** May cause allergic respiratory and skin reactions.

12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
AMMONIUM PERSULFATE (CAS 7727-54-0)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	83.7 mg/l, 72 h
Crustacea	EC50	Daphnia magna	120 mg/l, 48 h
Fish	LC50	Oncorhynchus mykiss	76 mg/l, 96 h
Other	EC10	Pseudomonas putida	36 mg/l, 18 h
<i>Chronic</i>			
Algae	NOEC	Desmodesmus subspicatus	32 mg/l, 72 h OECD 201
SODIUM LAURYL SULFATE (CAS 68585-47-7)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	> 20 mg/l, 72 h EU C.3
Crustacea	EC50	Daphnia magna	4.7 mg/l, 48 h EU C.2
Fish	LC50	Oncorhynchus mykiss	3.6 mg/l, 96 h OECD 203
Other	EC10	Pseudomonas putida	1084 mg/l, 16 h DIN 38412, 8
<i>Chronic</i>			
Algae	NOEC	Desmodesmus subspicatus	0.6 mg/l, 72 h EU C.3
Crustacea	NOEC	Daphnia magna	0.508 mg/l, 7 d
Fish	NOEC	Pimephales promelas	0.11 - 0.35 mg/l, 34 d OECD 210
SODIUM METASILICATE (CAS 6834-92-0)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	> 207 mg/l, 72 h DIN 38412, Pt. 9
Crustacea	EC50	Daphnia magna	> 1700 mg/l, 48 h EU C.2
Fish	LC50	Danio rerio	> 210 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	100 mg/l, 3 h OECD 209
SODIUM SILICATE (CAS 1344-09-8)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	> 345.4 mg/l, 72 h DIN 38412 Part 9
Crustacea	EC50	Daphnia magna	1700 mg/l, 48 h EU C.2
Fish	LC50	Danio rerio	1108 mg/l, 96 h OECD 203
Other	EC0	Pseudomonas putida	3454 mg/l, 30 min DIN 38412 Part 27
TITANIUM DIOXIDE (CAS 13463-67-7)			
Aquatic			
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
<i>Acute</i>			
Algae	EC50	Lemna minor	> 100 mg/l, 7 d OECD 221
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	> 1.1 mg/l, 14 d OECD 204
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	>= 5 mg/l, 21 d OECD 211

Components	Species	Test Results
Fish	NOEC	Danio rerio
		> 160 mg/l, 6 d OECD 210

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

POTASSIUM PERSULFATE
SODIUM LAURYL SULFATE

Result: Not expected to bioaccumulate
75.7 % OECD 301 B
Result: Readily Biodegradable
Test Duration: 28 d

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

SODIUM LAURYL SULFATE < -2.42

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

FINISHED GOODS

UN number UN3088
UN proper shipping name SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class 4.2
Packing group II
Transport hazard class(es)
Label(s) 4.2
Packaging exceptions None

BULK

UN number UN3088
UN proper shipping name SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class 4.2
Packing group II
Transport hazard class(es)
Label(s) 4.2
Special provisions IB6, IP2, T3, TP33
Packaging non bulk 212

IATA

FINISHED GOODS

UN number UN3088
UN proper shipping name SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class 4.2
Packing group II
ERG Number 4L

BULK

UN number UN3088

UN proper shipping name	SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class	4.2
Packing group	II
ERG Number	4L

IMDG

FINISHED GOODS

UN number	UN3088
UN proper shipping name	SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class	4.2
Packing group	II
Environmental Hazards	
Marine pollutant	No.
EmS	F-A, S-J

BULK

UN number	UN3088
UN proper shipping name	SELF-HEATING SOLID, ORGANIC, N.O.S. (POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)
Class	4.2
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-J

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No (Exempt)

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
AMMONIUM PERSULFATE	7727-54-0	14.93

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

16. Other information, including date of preparation or last revision

Issue date	07-31-2018
Version #	01

NFPA ratings

Health: 3
Flammability: 1
Instability: 3

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.