

## Safety Data Sheet

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

#### 1.1 Product Identifier

Product Name One'n Only Powder Color Kit  
Shade Name Black  
Product Catalogue No. ONOPCB

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised against

Identified uses Hair Care

#### 1.3 Details of the Supplier of the Safety Data Sheet

Supplier Artec Chemical Co., Ltd.  
Room 1101, ONE MIDTOWN, 11 Hoi Shing Road,  
Tsuen Wan, N.T., Hong Kong

#### 1.4 Emergency Telephone Number

Emergency Phone No. +852-2543-2233  
Fax No. +852-2543-1883

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture

Classification in accordance with Regulation, EC No. 1272/2008

Oxidizing solids Category 3; H272  
Acute toxicity; Oral Category 4; H302  
Eye irritation Category 2; H319  
Skin sensitization Category 1; H317  
Chronic aquatic toxicity Category 2; H411

#### 2.2 Label Elements

Labelling in accordance with Regulation, EC No. 1272/2008

Hazard pictograms



Signal word

Danger

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### Hazard statement(s)

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

### Precautionary statement(s)

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat.
P261	Avoid breathing dust.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to hazardous or special waste collection point.

### 2.3 Other Hazards

None known

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance

Not applicable

#### 3.2 Mixture

Hazardous components (REGULATION (EC) No 1272/2008)

Chemical Name

disodium carbonate, compound with hydrogen peroxide (2:3)

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
15630-89-4	239-707-6	-	Oxid. Sol. 3 Acute Tox. 4 Eye Dam. 1	H272 H302 H318	10 - 25%

p-Phenylenediamine sulfate

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
16245-77-5	240-357-1	-	Acute Tox. 3; Acute Tox. 3; Acute Tox. 3; Eye Irrit. 2; Skin Sens. 1; Aquatic Acute 1; Aquatic Chronic 1;	H331 H311 H301 H319 H317 H400 H410	10 - 25%

Resorcinol

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
108-46-3	203-585-2	604-010-00-1	Acute Tox. 4 Eye Irrit. 2 Skin Irrit. 2 Aquatic Acute. 1	H302 H319 H315 H400	5 - 10%

Bis[(3-hydroxyphenyl)ammonium] sulphate

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
68239-81-6	269-475-1	-	Acute Tox. 4 Acute Tox. 4 Aquatic Chronic 2	H302 H332 H411	1 - 5%

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4-Chlororesorcinol

CAS No.	EC No.	Index No.	Classification Code	Hazard Code	Concentration
95-88-5	202-462-0	-	Acute Tox. 4; Eye Irrit. 2; Skin Irrit. 2;	H302 H319 H315	1 - 5%

For the full text of the H-Statements mentioned in this Section, see Section 16.

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.
Eye Contact	Separate eyelids, rinse eyes immediately with plenty of water for at least fifteen minutes. Forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Consult an ophthalmologist immediately. Do not allow victim to rub or keep eyes closed.
Skin Contact	Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. If irritation or allergic reaction develops or persists, consult a dermatologist.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if inhalation causes eye watering, headaches, dizziness or other discomfort.
Ingestion	Rinse mouth thoroughly with water. Make victim drink water (two glasses at the most). Do not induce vomiting. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. Obtain immediate medical attention.
Protection of First-aiders	First aid personnel should pay attention to their own safety. A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

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

No information available

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

Medical observation is indicated. Depending on the degree of exposure, periodic medical examination is indicated.

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### SECTION 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

#### 5.2 Special Hazards arising from the Substances or Mixture

Oxidizing.

Oxygen released in thermal decomposition may support combustion. Ambient fire may liberate hazardous vapours. Risk of explosion if heated under confinement.

#### 5.3 Advice for Firefighters

Special protective equipment for firefighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place.

Further Information

Suppress (knock down) gases/vapours/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

#### 6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3 Methods and Materials for Containment and Cleaning up

Clean up spills in a manner that does not disperse dust into the air. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container. Ventilate area of leak or spill and wash off with plenty of water.

#### 6.4 Reference to Other Sections

Indications about waste treatment see section 13.

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### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for Safe Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

Advice on protection against fire and explosion

Prevent dispersion of dust. Keep away from sources of heat and ignition. Normal room ventilation is expected to be adequate for routine handling of this product.

#### 7.2 Conditions for Safe Storage, including any Incompatibilities

Requirements for storage rooms and vessels

Store in original container in secure area inaccessible to children. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on storage assembly

No special restrictions on storage with other products.

Further information on storage conditions

Keep container tightly closed and dry; store in a cool place.

Store at room temperature in the original container.

#### 7.3 Specific End Use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure Controls

Engineering Control

No special engineering controls required. However, under industrial applications, provide sufficient ventilations keep airborne levels to the lowest possible levels. Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.

General Protective and Hygiene Measures

Immediately change contaminated clothing. Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.



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### Personal Protection Equipment

**Eye Protection** Not required under normal conditions of use. However, avoid eye contact.

**Industrial application** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin Protection** Not required under normal conditions of use.

**Industrial application** Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

**Hand Protection** Use impervious gloves to avoid possible skin irritation.

**Industrial application** Handle with gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Respirators** Not required under normal conditions of use.

**Industrial application** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties

Physical State	Solid
Form	powder
Colour	beige
Odour	characteristic
Odour Threshold	No information available
pH Value	No information available
Freezing/Melting Point	No information available
Boiling Point	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Explosion Limit	
Lower	No information available
Upper	No information available
Vapour Pressure	No information available
Relative Vapour Density	No information available

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Density	No information available
Relative Density	No information available
Water solubility at 20 °C	No information available
Partition coefficient	
n-octanol/water	No information available
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity, dynamic	No information available
Explosive Properties	Not classified as explosive
Oxidizing Properties	oxidiser

### 9.2 Other Data

No information available

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Decomposes when moist.  
Decomposes on heating.  
Potential for exothermic hazard.

### 10.2 Chemical Stability

The product is chemically stable under standard ambient conditions.

### 10.3 Possibility of Hazardous Reactions

Contact with combustible material may cause fire.,  
Contact with flammables may cause fire or explosions.,  
Risk of explosion if heated under confinement.,  
Fire or intense heat may cause violent rupture of packages.

### 10.4 Conditions to Avoid

No information available

### 10.5 Incompatible Materials

No information available

### 10.6 Hazardous Decomposition Products

In the event of fire, the following can be released: Borane/boron oxides; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Sulphur oxides (SO<sub>x</sub>); Nitrogen oxides (NO<sub>x</sub>); unidentified organic compounds may also be released.



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### SECTION 11. TOXICOLOGICAL INFORMATION

This product has not been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.

#### 11.1 Information on Toxicological Effects

Acute oral toxicity (calculated value)	LD50 Species	ca. 1,600 mg/kg rat
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Acute dermal toxicity	Quantitative data on the toxicity is not available.
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Acute dermal toxicity	Quantitative data on the toxicity is not available.
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Skin corrosion/irritation	No experimental evidence of irritating potential available.
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Serious eye damage/irritation	Causes serious eye irritation.
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Respiratory or skin sensitization	May cause an allergic skin reaction.
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#### Specific Target Organ Toxicity - Single Exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

#### Specific Target Organ Toxicity - Repeated Exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Germ cell mutagenicity	No experimental evidence of mutagenicity available.
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Carcinogenicity	No experimental evidence of carcinogenicity available.
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Teratogenicity	No experimental evidence of teratogenicity available.
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Reproductive Toxicity	No experimental evidence of reproductive toxicity available.
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Aspiration Hazard	No aspiration toxicity classification.
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#### 11.2 Further Information

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

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### SECTION 12. ECOLOGICAL INFORMATION

This product has not been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.

#### 12.1 Toxicity

Toxicity to fish

LC50

(calculated value)

Species

*Pimephales promelas*  
(fathead minnow)

Dose

> 1 - < 10 mg/L

Exposure

96 hours

Toxicity to daphnia and other aquatic invertebrates

EC50

(calculated value)

Species

*Daphnia magna* (Water flea)

Dose

> 1 - < 10 mg/L

Exposure

48 hours

#### 12.2 Persistence and Degradability

No information available

#### 12.3 Bioaccumulative Potential

No information available

#### 12.4 Mobility in Soil

No information available

#### 12.5 Result of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

#### 12.6 Other Adverse Effects

Further information on ecology

Do not allow to run into surface waters, wastewater, or soil.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste Treatment Methods

Waste material must be disposed of in accordance with the national and local regulations.

Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

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### SECTION 14. TRANSPORT REGULATIONS

#### Transport ADR/RID

14.1 UN number	1479
14.2 UN proper shipping name	OXIDIZING SOLID, N.O.S.
14.3 Transport hazard class(es)	5.1
14.4 Packing group	III
14.5 Environmental hazards	--
14.6 Special precautions for user	yes

Tunnel restriction code E

#### Transport IMDG

14.1 UN number	1479
14.2 UN proper shipping name	OXIDIZING SOLID, N.O.S.
14.3 Transport hazard class(es)	5.1
14.4 Packing group	III
14.5 Environmental hazards	--
14.6 Special precautions for user	yes

EmS F-A S-Q

#### Transport ICAO/IATA

14.1 UN number	1479
14.2 UN proper shipping name	OXIDIZING SOLID, N.O.S.
14.3 Transport hazard class(es)	5.1
14.4 Packing group	III
14.5 Environmental hazards	--
14.6 Special precautions for user	no

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

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### SECTION 15. REGULATORY INFORMATION

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

##### EU regulations

##### Major Accident Hazard

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

##### Legislation

Oxidizing

3

Quantity 1 50 t

Quantity 2 200 t

##### Occupational restrictions

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer  
not regulated

Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004  
on persistent organic pollutants and amending Directive 79/117/EEC  
not regulated

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals  
not regulated

##### Substances of very high concern (SVHC)

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of  $\geq 0.1\%$  (w/w).

##### Storage class VCI

5.1 B Oxidizing agents (TRG 515 Group 2+3)

#### 15.2 Chemical safety assessment

For this product chemical safety assessment not carried out.

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### SECTION 16. OTHER INFORMATION

#### Text of H-code(s) mentioned in Section 2 and 3

H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

#### Disclaimer

The information provided in this safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Artec Chemical Co., Ltd. assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.