

## 1 Identification

- **Product identifier**
- **Trade name: Just For Men Mustache & Beard- Dark Brown RD-005385, Darkest Brown RD-005384, Jet Black/Real Black RD-005383, Jet Black/Real Black RD-005382**
- **Recommended use:** Personal care products
- **Restrictions on use:** No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Combe Incorporated  
1101 Westchester Ave.  
White Plains, NY 10604  
United States
- **Tel.:** +1-914-461-4458  
**Email:** sdsinquiries@combe.com
- **Emergency telephone number:** CHEMTREC: 1-800-CHEM-TREC

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Eye Irrit. 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 1 H370 Causes damage to the central nervous system and the blood. Route of exposure: Oral.  
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

2-methyl-p-phenylenediamine  
resorcinol  
3-aminophenol  
4-aminophenol

- **Hazard statements**

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H370 Causes damage to the central nervous system and the blood. Route of exposure: Oral.  
H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral.

- **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves / eye protection / face protection.

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- P302+P352 *If on skin: Wash with plenty of 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.*
- P307+P311 *IF exposed: Call a POISON CENTER or doctor/physician.*
- P314 *Get medical advice/attention if you feel unwell.*
- P333+P313 *If skin irritation or rash occurs: Get medical advice/attention.*
- P321 *Specific treatment (see on this label).*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P363 *Wash contaminated clothing before reuse.*
- P405 *Store locked up.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not determined.
- **vPvB:** Not determined.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Dangerous components:**

CAS: 95-70-5	2-methyl-p-phenylenediamine	1 - 3%
CAS: 124-68-5	2-amino-2-methylpropanol	0.1 - 3%
CAS: 591-27-5	3-aminophenol	1 - 3%
CAS: 108-46-3	resorcinol	1 - 3%
CAS: 123-30-8	4-aminophenol	0.1 - 1%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Take affected persons out of danger area and lay down.  
In case of irregular breathing or respiratory arrest provide artificial respiration.
- **After inhalation:** Supply fresh air.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Seek medical treatment.
- **After swallowing:** Rinse out mouth and then drink plenty of water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

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## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub> extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.  
In case of fire, the following can be released:  
Carbon monoxide  
Carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Sulfur oxides (SO<sub>x</sub>)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation.  
Wear protective clothing.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to regulations.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

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## 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

**CAS: 108-46-3 resorcinol**

REL Short-term value: 90 mg/m<sup>3</sup>, 20 ppm

Long-term value: 45 mg/m<sup>3</sup>, 10 ppm

TLV Short-term value: 90 mg/m<sup>3</sup>, 20 ppm

Long-term value: 45 mg/m<sup>3</sup>, 10 ppm

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**



Protective gloves

Only use chemical-protective gloves with CE-labeling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

- **Body protection: Protective work clothing**

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## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

Form: Highly viscous

Color: Dark brown

· Odor: Characteristic

· Odor threshold: Not determined.

· pH-value at 20 °C (68 °F): 8.5 - 9.3

#### · Change in condition

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

· Flash point: Not determined.

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: Not determined.

· Decomposition temperature: Not determined.

· Danger of explosion: Product does not present an explosion hazard.

#### · Explosion limits:

Lower: Not applicable.

Upper: Not applicable.

#### · Oxidizing properties

No

· Vapor pressure: Not determined.

· Density at 20 °C (68 °F): 0.96 - 1.03 g/cm<sup>3</sup> (8.0112 - 8.59535 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

#### · Solubility in / Miscibility with

Water: Fully miscible.

#### · Partition coefficient (n-octanol/water):

95-70-5 2-methyl-p-phenylenediamine -0,321 logPow @ 25°C (OECD Guideline 107)

124-68-5 2-amino-2-methylpropanol -0,63 logPow @ 20°C (OECD Guideline 107)

591-27-5 3-aminophenol 0,183 logPow @ 20 °C (OECD Guideline 107)

108-46-3 resorcinol 0,8 logPow @ 20°C

123-30-8 4-aminophenol -0,09 logPow @ 25°C (EU Method A.8)

#### · Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

#### · Solvent content:

VOC content: 0.20 %

#### · Other information

No further relevant information available.

## 10 Stability and reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability** No decomposition if used and stored according to specifications.

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

### CAS: 95-70-5 2-methyl-p-phenylenediamine

Oral	LD50	102 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50	3520 mg/kg (Rat) ((Q)SAR)
Inhalative	LC50 (4h)	0.99 mg/L (Rat) ((Q)SAR)

### CAS: 124-68-5 2-amino-2-methylpropanol

Oral	LD50	2900 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50	> 2000 mg/kg (Rabbit) (OECD Guideline 402)

### CAS: 591-27-5 3-aminophenol

Oral	LD50	> 500 mg/kg (Rat) (OECD Guideline 420)
Dermal	LD50	8115.2 mg/kg (Rabbit) (QSAR)

### CAS: 108-46-3 resorcinol

Oral	LD50	510 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50	2830 mg/kg (Rabbit)
Inhalative	LC50 (1h)	> 7.8 mg/L (Rat) (aerosol)

### CAS: 123-30-8 4-aminophenol

Oral	LD50	671 mg/kg (Rat) (EPA OPPTS 870.1100)
Dermal	LD50	> 8000 mg/kg (Rabbit) (EPA OPPTS 870.1200)
Inhalative	LC50 (4h)	> 3.42 mg/L (Rat) (OECD Guideline 403, inhalation:dust)

- **Primary irritant effect:**
- **on the skin:** Based on available data, the classification criteria are not met.
- **on the eye:** Causes serious eye irritation.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

CAS: 95-70-5	2-methyl-p-phenylenediamine	3
CAS: 108-46-3	resorcinol	3
CAS: 9003-01-4	2-Propenoic acid, homopolymer	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:**

**CAS: 95-70-5 2-methyl-p-phenylenediamine**

LC50 (96h)	0.05 mg/L (Fish) (OECD Guideline 203, <i>Oryzias latipes</i> )
EC50 (48h) (dynamic)	0.491 mg/L (Daphnia) (OECD Guideline 202, <i>Daphnia magna</i> )
EC50 (3h) (static)	3.75 mg/L (Bacteria) (OECD Guideline 209, activated sludge)
EC50 (72h) (static)	1.02 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> )
NOEC (72h) (static)	0.11 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> )

**CAS: 124-68-5 2-amino-2-methylpropanol**

LC50 (48h)	179 mg/L (Invertebrates) (EPA OPPTS 850.1045, <i>Crangon crangon</i> ) nominal
LC50 (96h) (static)	190 mg/L (Fish) ( <i>Lepomis macrochirus</i> ) nominal
EC50 (3h) (static)	342.9 mg/L (Bacteria) (OECD Guideline 209, activated sludge) nominal
EC50 (72h) (static)	402 mg/L (Algae) (OECD Guideline 201, <i>Scenedesmus sp.</i> ) nominal

**CAS: 591-27-5 3-aminophenol**

LC50 (48h) (static)	0.267 mg/L (Daphnia) (OECD Guideline 202, <i>Daphnia magna</i> )
LC50 (96h) (static)	> 100 mg/L (Fish) (OECD Guideline 203, <i>Danio rerio</i> ) nominal
EC50 (3h) (static)	961.9 mg/L (Bacteria) (OECD Guideline 209, activated sludge)
EC50 (72h)	62 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> )
NOEC (21d) (dynamic)	0.05 mg/L (Daphnia) (OECD Guideline 211, <i>Daphnia magna</i> ) nominal
	25 mg/L (Fish) (OECD Guideline 204, <i>Oryzias latipes</i> ) nominal
NOEC (72h)	67.7 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> ) nominal

**CAS: 108-46-3 resorcinol**

LC50 (96h) (dynamic)	26.8 mg/L (Fish) (EPA-660/3/75-009, <i>Pimephales promelas</i> )
EC50 (48h)	1 mg/L (Daphnia) (OECD Guideline 202, <i>Daphnia magna</i> )
EC50 (3h)	79 mg/L (Bacteria) (OECD Guideline 209, activated sludge)
EC50	260 mg/L (Fish) (ELS-Test, <i>Oncorhynchus mykiss</i> ) 60d
EC50 (72h) (static)	> 97 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> )
NOEC (21d) (dynamic)	≥ 0.172 mg/L (Daphnia) (OECD Guideline 211, <i>Daphnia magna</i> )
NOEC (72h) (static)	97 mg/L (Algae) (OECD Guideline 201, <i>Pseudokirchneriella subcapitata</i> )

**CAS: 123-30-8 4-aminophenol**

LC50 (96h) (dynamic)	0.82 mg/L (Fish) (OECD Guideline 203, <i>Oryzias latipes</i> )
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EC50 (48h)	0.182 mg/L (Daphnia) (OECD Guideline 202, Daphnia magna)
EC50 (3h) (static)	29.9 mg/L (Bacteria) (OECD Guideline 209, activated sludge) nominal
EC50 (72h) (static)	> 0.253 mg/L (Algae) (OECD Guideline 201, Pseudokirchneriella subcapitata)
NOEC (21d) (dynamic)	0.206 mg/L (Daphnia) (OECD Guideline 202, Daphnia magna)
NOEC (dynamic)	0.28 mg/L (Fish) (OECD Guideline 210, Oryzias latipes) 41 d
NOEC (72h) (static)	0.148 mg/L (Algae) (OECD Guideline 201, Pseudokirchneriella subcapitata)

· **Persistence and degradability**

95-70-5	2-methyl-p-phenylenediamine	17% (28d, OECD Guideline 301 D)
124-68-5	2-amino-2-methylpropanol	89,3 % @ 28d (OECD Guideline 301F)
591-27-5	3-aminophenol	0 % (28d, OECD Guideline 301 F)
108-46-3	resorcinol	66,7 % @ 14d (OECD Guideline 301 C)
123-30-8	4-aminophenol	6 % @ 28d (OECD Guideline 301C)

· **Behavior in environmental systems:**

· **Bioaccumulative potential**

124-68-5	2-amino-2-methylpropanol	< 1 (3 d, GSF-test, Leuciscus idus)
591-27-5	3-aminophenol	4 BCF
108-46-3	resorcinol	3,16 BCF (calculated)
123-30-8	4-aminophenol	10 - 39 (OECD Guideline 305C, Cyprinus carpio)

· **Mobility in soil**

95-70-5	2-methyl-p-phenylenediamine	1,24 logKoc @ pH6 (OECD Guideline 121)
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· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Must be specially treated adhering to official regulations.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

This consumer product as supplied qualifies for a limited quantity exemption from applying hazmat markings per :

Ground: 49 CFR 171.4(c)(2)

Air: IATA Special Provision A197

Ocean: IMDG Code 2.10.2.7

· **UN-Number; DOT, ADR/RID/ADN, IMDG, IATA** UN3082

· **UN proper shipping name**

· **DOT**

Environmentally hazardous substance, liquid, n.o.s. (2-methyl-p-phenylenediamine, Aminophenols)


· **ADR/RID/ADN**

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-methyl-p-phenylenediamine, AMINOPHENOLS)

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· <b>IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-methyl-p-phenylenediamine, AMINOPHENOLS), MARINE POLLUTANT
· <b>IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-methyl-p-phenylenediamine, AMINOPHENOLS)
· <b>Transport hazard class(es)</b> · <b>DOT, ADR/RID/ADN, IMDG, IATA</b>	
	
· <b>Class</b> · <b>Label</b>	9 Miscellaneous dangerous substances and articles 9
· <b>Packing group</b> · <b>DOT, ADR/RID/ADN, IMDG, IATA</b>	III
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	Yes (DOT) Symbol (fish and tree)
· <b>Special marking (ADR/RID/ADN):</b> · <b>Special marking (IATA):</b>	Symbol (fish and tree) Symbol (fish and tree)
· <b>Special precautions for user</b> · <b>Hazard identification number (Kemler code):</b> · <b>EMS Number:</b> · <b>Segregation groups</b> · <b>Stowage Category</b>	Warning: Miscellaneous dangerous substances and articles 90 F-A,S-F Alkalis A
· <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable.
· <b>Transport/Additional information:</b> · <b>DOT</b> · <b>Remarks:</b>	Special marking with the symbol (fish and tree).
· <b>UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-METHYL-P-PHENYLENEDIAMINE, AMINOPHENOLS), 9, III

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- SARA

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

· **TSCA (Toxic Substances Control Act) Inventory:**

All components have the value ACTIVE.

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· <b>Hazardous Air Pollutants</b>		
· <b>Proposition 65</b>		
· <b>Chemicals known to cause cancer:</b>		
None of the ingredients is listed.		
· <b>Chemicals known to cause reproductive toxicity for females:</b>		
None of the ingredients is listed.		
· <b>Chemicals known to cause reproductive toxicity for males:</b>		
None of the ingredients is listed.		
· <b>Chemicals known to cause developmental toxicity:</b>		
None of the ingredients is listed.		
· <b>New Jersey Right-to-Know List:</b>		
CAS: 124-68-5	2-amino-2-methylpropanol	
CAS: 108-46-3	resorcinol	
· <b>New Jersey Special Hazardous Substance List:</b>		
	CO	
· <b>Pennsylvania Right-to-Know List:</b>		
CAS: 124-68-5	2-amino-2-methylpropanol	
CAS: 108-46-3	resorcinol	
· <b>Pennsylvania Special Hazardous Substance List:</b>		
CAS: 108-46-3	resorcinol	E
		E
· <b>Carcinogenicity categories</b>		
· <b>EPA (Environmental Protection Agency)</b>		
None of the ingredients is listed.		
· <b>TLV (Threshold Limit Value established by ACGIH)</b>		
CAS: 108-46-3	resorcinol	A4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
None of the ingredients is listed.		

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### · Department issuing SDS:

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· **Date of preparation / last revision** 08/25/2021 / 1.01

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· **Abbreviations and acronyms:**

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

UN: United Nations (also UNO: United Nations Organization)

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

ASTM: American Society for Testing and Materials

WAF: Water Accommodated Fraction

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· **\* Data compared to the previous version altered.**

# SAFETY DATA SHEET

Issuing Date 08-Sep-2017

Revision Date 03-Dec-2020

Revision Number 2

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

**Product Name** Just For Men Mustache and Beard Brush-In Gel Color Developer

### Other means of identification

**Product Code(s)** 1416251

### Recommended use of the chemical and restrictions on use

**Recommended Use** Hair Colorant, Developer

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** Combe Incorporated

**Address** 1101 Westchester Ave.  
White Plains  
New York  
10604  
United States

**Telephone** Phone:914-461-4458

**E-mail** SDSinquiries@combe.com

### Emergency telephone number

**Company Emergency Phone Number** CHEMTREC: 1-800-CHEM-TREC

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1



**Appearance** White

**Physical state** Cream Liquid

**Odor** Odorless

**GHS Label elements, including precautionary statements**

**Danger**

**Hazard statements**

Causes skin irritation

Causes serious eye damage



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/eye protection/face protection

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

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 or doctor

**Skin**

IF ON SKIN: Wash with plenty of water and soap

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

**Other information**

Toxic to aquatic life with long lasting effects.

**Unknown acute toxicity** 11 % of the mixture consists of ingredient(s) of unknown toxicity

9.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

11 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
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Cetyl alcohol	36653-82-4	8	-	-
Hydrogen peroxide	7722-84-1	4.5	-	-
Glyceryl stearate	31566-31-1	1.8	-	-
Steareth-2	9005-00-9	0.8	-	-

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice/attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

**Symptoms** Burning sensation.

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

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Hydrogen peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	
Glyceryl stearate 31566-31-1	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter except stearates of toxic metals TWA: 3 mg/m <sup>3</sup> respirable particulate matter except stearates of toxic metals	-		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Hydrogen peroxide 7722-84-1	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm	TWA: 1 ppm	TWA: 1 ppm
Glyceryl stearate 31566-31-1	TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	



**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves. Impervious gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Cream; Liquid  
**Appearance** White  
**Odor** Odorless  
**Color** No information available  
**Odor Threshold** Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
<b>pH</b>	3.3	
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	.99	
<b>Water Solubility</b>	Miscible in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	n/a	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

**Other Information**

**Explosive properties** No information available  
**Oxidizing properties** No information available



Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.
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### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	11,083.00 mg/kg
ATEmix (dermal)	39,556.00 mg/kg
ATEmix (inhalation-gas)	89,000.00 mg/L
ATEmix (inhalation-dust/mist)	29.67 mg/L

ATEmix (inhalation-vapor) 218.00 mg/L

**Unknown acute toxicity** 11 % of the mixture consists of ingredient(s) of unknown toxicity  
 9.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 11 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Product Information**

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Cetyl alcohol	> 5 g/kg ( Rat )	= 11300 mg/kg ( Rabbit )	> 1.5 mg/L ( Rat ) 4 h
Hydrogen peroxide	= 1518 mg/kg ( Rat )	= 9200 mg/kg ( Rabbit )	= 2000 mg/m <sup>3</sup> ( Rat ) 4 h
Steareth-2	= 1900 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.  
**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.  
**Respiratory or skin sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide 7722-84-1	A3	Group 3	-	-

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**  
 A3 - Animal Carcinogen  
**IARC (International Agency for Research on Cancer)**  
 Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Cetyl alcohol	No data available	96h LC50: > 0.4 mg/L	No data available	No data available



		(Oncorhynchus mykiss)		
Hydrogen peroxide	No data available	96h LC50: 10.0 - 32.0 mg/L (Oncorhynchus mykiss) 96h LC50: 18 - 56 mg/L (Lepomis macrochirus) 96h LC50: = 16.4 mg/L (Pimephales promelas)	No data available	48h EC50: 18 - 32 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation**

Chemical name	Partition coefficient
Cetyl alcohol	6.7
Glyceryl stearate	6.1

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Waste Codes** 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Hydrogen peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive

**14. TRANSPORT INFORMATION**

**DOT**  
Proper Shipping Name NOT REGULATED  
Hazard Class NON-REGULATED  
N/A

**TDG** Not applicable

**MEX** Not applicable

**ICAO** Not applicable

**IATA** Not applicable



<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b>IMDG/IMO</b>	Not applicable
<b>Hazard Class</b>	N/A
<b>RID</b>	Not applicable
<b>ADR</b>	Not applicable
<b>ADN</b>	Not applicable

## 15. REGULATORY INFORMATION

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

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

##### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)



Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen peroxide 7722-84-1	X	X	X	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Hydrogen peroxide 7722-84-1		1000 lb	

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Hydrogen peroxide 7722-84-1	X	X	X	X	

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 3	Flammability 0	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 3	Flammability 0	Physical hazards 0	Personal Protection X

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 08-Sep-2017

**Revision Date** 03-Dec-2020

**Revision Note** No information available

**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

**End of Safety Data Sheet**

