

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/13/2018

Reviewed on 02/13/2018

1 Identification

- **Product identifier**
- **Trade name:** NATL INSTINCTS MENS NON PCOL Dark Brown M13
- **Article number:** 97371643
- **Application of the substance / the mixture** Hair coloring product
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
The Wella Corporation,

Woodland Hills, CA 91367
- **Information department:** Coty SDS Info Team
- **Emergency telephone number:**
CHEMTREC Emergency number: +1-703-527-3887
CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS05



GHS07

- **Signal word** Danger
- **Hazard-determining components of labeling:**
2-aminoethanol
p-phenylenediamine
N-(2-hydroxypropyl)oleamide
- **Hazard statements**
Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.
- **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.
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.

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Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

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

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	*3	Health = *3
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

107-41-5	2-methylpentane-2,4-diol	12.32%
141-43-5	2-aminoethanol	5.988%
57-55-6	Methyl glycol	3.539%
111-90-0	Carbitol	1.988%
106-50-3	p-phenylenediamine	1.9%
61789-40-0	inner salt of N-cocoacyl derivatives of (3-aminopropan-1-yl)(carboxymethyl) dimethylammonium	0.5962%
111-05-7	N-(2-hydroxypropyl)oleamide	0.291%

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

· **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.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

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- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** 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).
Use neutralizing agent.
Dispose contaminated material as waste according to item 13.
- **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.
- **Protective Action Criteria for Chemicals**

· PAC-1:

107-41-5	2-methylpentane-2,4-diol	2.3 ppm
141-43-5	2-aminoethanol	6 ppm
57-55-6	Methyl glycol	30 mg/m ³
111-90-0	Carbitol	75 ppm
106-50-3	p-phenylenediamine	0.3 mg/m ³
108-46-3	resorcinol	20 ppm
7757-83-7	sodium sulphite	11 mg/m ³
90-15-3	1-naphthol	2.2 mg/m ³
	Phenol, 3-amino-	3 mg/m ³
60-00-4	edetic acid	4.1 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
120-47-8	ethyl 4-hydroxybenzoate	31 mg/m ³
91-64-5	Coumarin	0.88 mg/m ³

· PAC-2:

107-41-5	2-methylpentane-2,4-diol	25 ppm
141-43-5	2-aminoethanol	170 ppm
57-55-6	Methyl glycol	1,300 mg/m ³
111-90-0	Carbitol	100 ppm
106-50-3	p-phenylenediamine	6.8 mg/m ³
108-46-3	resorcinol	28 ppm
7757-83-7	sodium sulphite	120 mg/m ³
90-15-3	1-naphthol	25 mg/m ³
	Phenol, 3-amino-	33 mg/m ³
60-00-4	edetic acid	45 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
122-99-6	2-Phenoxyethanol	16 ppm
120-47-8	ethyl 4-hydroxybenzoate	340 mg/m ³
91-64-5	Coumarin	9.7 mg/m ³

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· PAC-3:		
107-41-5	2-methylpentane-2,4-diol	150 ppm
141-43-5	2-aminoethanol	1,000 ppm
57-55-6	Methyl glycol	7,900 mg/m ³
111-90-0	Carbitol	450 ppm
106-50-3	p-phenylenediamine	41 mg/m ³
108-46-3	resorcinol	170 ppm
7757-83-7	sodium sulphite	710 mg/m ³
90-15-3	1-naphthol	450 mg/m ³
	Phenol, 3-amino-	200 mg/m ³
60-00-4	edetic acid	200 mg/m ³
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
122-99-6	2-Phenoxyethanol	97 ppm
120-47-8	ethyl 4-hydroxybenzoate	2,100 mg/m ³
91-64-5	Coumarin	58 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **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:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **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.
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.
At this time, the other constituents have no known exposure limits.

107-41-5 2-methylpentane-2,4-diol

REL	Ceiling limit value: 125 mg/m ³ , 25 ppm
TLV	Short-term value: 50* 10** ppm Long-term value: 25* ppm *vapor **inh. fraction, aerosol only

141-43-5 2-aminoethanol

PEL	Long-term value: 6 mg/m ³ , 3 ppm
REL	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 8 mg/m ³ , 3 ppm

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TLV	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm
57-55-6 Methyl glycol	
WEEL	Long-term value: 10 mg/m ³
111-90-0 Carbitol	
WEEL	Long-term value: 25 ppm

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Color: Yellowish

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 9-11

· **Change in condition**

Melting point/Melting range: Undetermined.

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Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	11.5 %
Water:	58.7 %
VOC content:	11.53 %
	115.3 g/l / 0.96 lb/gl
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **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.
- **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:**

107-41-5 2-methylpentane-2,4-diol

Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	8,560 mg/kg (rabbit)

141-43-5 2-aminoethanol

Oral	LD50	1,089 mg/kg (rat) (bw (Similar to OECD 401; standard acute method; ra)
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Dermal	LD50	1,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)
57-55-6 Methyl glycol		
Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)
111-90-0 Carbitol		
Oral	LD50	5,500 mg/kg (rat)
Dermal	LD50	8,500 mg/kg (rabbit)
106-50-3 p-phenylenediamine		
Oral	LD50	75 mg/kg (rat) (bw (OECD 420))
Dermal	LD50	300 mg/kg (rabbit)
Inhalative	LC50/4 h	0.92 mg/l (rat) (air (//OECD 403))

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
106-50-3	p-phenylenediamine	3
108-46-3	resorcinol	3
5989-27-5	(R)-p-mentha-1,8-diene	3
91-64-5	Coumarin	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Danger to drinking water if even small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|-----------------|
| · UN-Number | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

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):

111-90-0 Carbitol

106-50-3 p-phenylenediamine

122-99-6 2-Phenoxyethanol

· TSCA (Toxic Substances Control Act):

107-41-5 2-methylpentane-2,4-diol

141-43-5 2-aminoethanol

57-55-6 Methyl glycol

9004-98-2 Polyethylene glycol monooleyl ether

178949-82-1 L-Aspartic acid, N,N'-1,2-ethanediybis-, sodium salt (1:3)

61790-41-8 Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides

111-90-0 Carbitol

106-50-3 p-phenylenediamine

68131-40-8 Alcohols, C11-15-secondary, ethoxylated

108-46-3 resorcinol

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61788-89-4	Fatty acids, dimer acids, C18
61789-40-0	inner salt of N-cocoacyl derivatives of (3-aminopropan-1-yl)(carboxymethyl) dimethylammonium
61790-12-3	Fatty acids, tall-oil
89-65-6	D-erythro-Hex-2-enonic acid, gamma-lactone
9005-64-5	Tween 20
7757-83-7	sodium sulphite
111-05-7	N-(2-hydroxypropyl)oleamide
608-25-3	2-methylresorcinol
68131-39-5	Alcohols, C12-15, ethoxylated
90-15-3	1-naphthol
54381-16-7	Ethanol, 2,2'-[(4-aminophenyl)imino]bis-, sulfate (1:1) (salt)
	Phenol, 3-amino-
81-13-0	Butanamide, 2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethyl-, (2R)-
60-00-4	edetic acid
5989-27-5	(R)-p-mentha-1,8-diene
78-70-6	Linalool
50-81-7	ascorbic acid
7616-22-0	2H-1-benzopyran-6-ol, 3,4-dihydro-2,7,8-trimethyl-2-(4,8,12-trimethyltridecyl)-
122-99-6	2-Phenoxyethanol
107-75-5	Hydroxy-citronellal

- TSCA new (21st Century Act) (Substances not listed)

- Proposition 65

- Chemicals known to cause cancer:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

- Carcinogenic categories

- EPA (Environmental Protection Agency)

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)

106-50-3	p-phenylenediamine	A4
108-46-3	resorcinol	A4

- NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- GHS label elements

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

- Hazard pictograms



GHS05 GHS07

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· **Signal word** *Danger*

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

2-aminoethanol

p-phenylenediamine

N-(2-hydroxypropyl)oleamide

· **Hazard statements**

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves / eye protection / face protection.

If on skin: Wash with plenty of water.

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.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

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

· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

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:** *Abteilung Umweltschutz*

· **Contact:** *Hr. Dr. Speckbacher*

· **Date of preparation / last revision** *02/13/2018 / -*

· **Abbreviations and acronyms:**

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1