



## Safety Data Sheet acc. to OSHA HCS

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Version 17

Reviewed on 07/22/2021

### 1 Identification

**Product ID#:** Duncan OG 803 Mother of Pearl

**Product Use:** Lustre

**Manufacturer/Supplier:**

Coloramics dba Mayco  
4077 Weaver Court South  
Hilliard, OH 43026  
614-675-2020  
614-6752054 (fax)

**Emergency Telephone Numbers**

**Health Emergencies:**

614-675-2020 7:30am-5:30pm ET

**For Hazardous Materials Incident [for Dangerous Goods]  
Spill, Leak, Fire Exposure, or Accident Call CHEMTREK**

1-800-424-9300 U.S. and Canada

1-703-741-5970 International

### 2 Hazard(s) identification

· **Classification of the substance or mixture**

Flam. Liq. 3	H226 Flammable liquid and vapor.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Dam. 1	H318 Causes serious eye damage.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Muta. 1B	H340 May cause genetic defects.
Carc. 1B	H350 May cause cancer.
STOT SE 3	H335 May cause respiratory irritation.
STOT RE 1	H372 Causes damage to the central nervous system through prolonged or repeated exposure.
Aquatic Acute 2	H401 Toxic to aquatic life.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

· **Label elements**

· **GHS label elements**

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

· **Hazard pictograms**

GHS02 GHS05 GHS07 GHS08 GHS09

· **Signal word** Danger

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

tetra-n-butoxytitanium  
Stoddard solvent

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**Product ID#: Duncan OG 803 Mother of Pearl**

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rosin

cyclohexanol

· **Hazard statements**

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H340 May cause genetic defects.

H350 May cause cancer.

H335 May cause respiratory irritation.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

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.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a poison center/doctor.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

P314 Get medical advice/attention if you feel unwell.

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use CO<sub>2</sub>, sand, extinguishing powder to extinguish.

P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazard description:**

· **American Hazard Description**

Based upon the components the following hazards may exist:

Target Organs - Lungs

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS ratings (scale 0 - 4)**



- **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.

· **Hazardous components:**

CAS: 108-93-0 EINECS: 203-630-6 RTECS: GV 7875000	cyclohexanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335; Flam. Liq. 4, H227	>30-<40%
CAS: 5593-70-4 EINECS: 227-006-8	tetra-n-butoxytitanium ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	>15-<20%
CAS: 8050-09-7 EINECS: 232-475-7	rosin ⚠ Skin Sens. 1, H317	>15-<20%
CAS: 8002-09-3 EC number: 304-455-9	pine oil ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	>10-<15%
CAS: 8052-41-3 EINECS: 232-489-3 RTECS: WJ 8925000	Stoddard solvent ⚠ Flam. Liq. 3, H226; ⚠ Muta. 1B, H340; Carc. 1B, H350; STOT RE 1, H372; Asp. Tox. 1, H304	>6-<8%
CAS: 95-50-1 EINECS: 202-425-9 RTECS: CZ 4500000	1,2-dichlorobenzene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335; Flam. Liq. 4, H227	≥2.5-≤6%
CAS: 108-94-1 EINECS: 203-631-1 RTECS: GW 1050000	cyclohexanone ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 3, H311; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	≤6.0%
CAS: 71-36-3 EINECS: 200-751-6 RTECS: EO 1400000	butan-1-ol Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	<0.5%
· <b>Main components:</b>		
CAS: 108-93-0 EINECS: 203-630-6 RTECS: GV 7875000	cyclohexanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335; Flam. Liq. 4, H227	>30-<40%

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CAS: 5593-70-4 EINECS: 227-006-8	tetra-n-butoxytitanium ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	>15-<20%
CAS: 8050-09-7 EINECS: 232-475-7	rosin ⚠ Skin Sens. 1, H317	>15-<20%
CAS: 8002-09-3 EC number: 304-455-9	pine oil ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	>10-<15%
CAS: 8052-41-3 EINECS: 232-489-3 RTECS: WJ 8925000	Stoddard solvent ⚠ Flam. Liq. 3, H226; ⚠ Muta. 1B, H340; Carc. 1B, H350; STOT RE 1, H372; Asp. Tox. 1, H304	>6-<8%
CAS: 95-50-1 EINECS: 202-425-9 RTECS: CZ 4500000	1,2-dichlorobenzene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335; Flam. Liq. 4, H227	≥2.5-≤6%
CAS: 108-94-1 EINECS: 203-631-1 RTECS: GW 1050000	cyclohexanone ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 3, H311; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	≤6.0%
CAS: 14233-37-5	C.I. solvent blue 36	≤1.0%
CAS: 546-68-9 EINECS: 208-909-6	tetraisopropoxytitanium ⚠ Flam. Liq. 3, H226; ⚠ Eye Irrit. 2A, H319	<0.5%
CAS: 71-36-3 EINECS: 200-751-6 RTECS: EO 1400000	butan-1-ol ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	<0.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

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:**

Remove contaminated clothing and wash skin with soap and water. Wash or clean clothing before reuse.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Immediately call a 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.

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### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:**  
Water  
Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear full firefighting gear and SCBA

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear full face positive pressure air supply respirators  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Prevent seepage into sewage system, workpits and cellars.  
Inform respective authorities in case of seepage into water course or sewage system.  
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.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **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:**

108-93-0	cyclohexanol	150 ppm
5593-70-4	tetra-n-butoxytitanium	0.67 ppm
8050-09-7	rosin	72 mg/m <sup>3</sup>
8052-41-3	Stoddard solvent	300 mg/m <sup>3</sup>
95-50-1	1,2-dichlorobenzene	50 ppm

· **PAC-2:**

108-93-0	cyclohexanol	580 ppm
5593-70-4	tetra-n-butoxytitanium	7.4 ppm
8050-09-7	rosin	790 mg/m <sup>3</sup>
8052-41-3	Stoddard solvent	1,800 mg/m <sup>3</sup>
95-50-1	1,2-dichlorobenzene	170 ppm

· **PAC-3:**

108-93-0	cyclohexanol	3,500 ppm
5593-70-4	tetra-n-butoxytitanium	44 ppm
8050-09-7	rosin	1,500 mg/m <sup>3</sup>

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8052-41-3	Stoddard solvent	29500** mg/m <sup>3</sup>
95-50-1	1,2-dichlorobenzene	1,000 ppm

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

- Protect from heat.
- Protect against electrostatic charges.
- Keep respiratory protective device available.

- **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:**  
The application of this product requires well exhausted firing kilns and efficient ventilation of working areas.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
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.  
There is no PEL established for this mixture. Recommend monitoring based upon the components in the mixture.

<b>108-93-0 cyclohexanol</b>	
PEL	Long-term value: 200 mg/m <sup>3</sup> , 50 ppm
REL	Long-term value: 200 mg/m <sup>3</sup> , 50 ppm Skin
TLV	Long-term value: 50 ppm Skin, BEI
<b>8050-09-7 rosin</b>	
TLV	Long-term value: 0.001* mg/m <sup>3</sup> *inhalable fraction, DSEN, RSEN

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**8052-41-3 Stoddard solvent**

PEL	Long-term value: 2900 mg/m <sup>3</sup> , 500 ppm
REL	Long-term value: 350 mg/m <sup>3</sup> Ceiling limit value: 1800* mg/m <sup>3</sup> *15-min
TLV	Long-term value: 100 ppm

**95-50-1 1,2-dichlorobenzene**

PEL	Ceiling limit value: 300 mg/m <sup>3</sup> , 50 ppm
REL	Ceiling limit value: 300 mg/m <sup>3</sup> , 50 ppm
TLV	Short-term value: 50 ppm Long-term value: 25 ppm A4

**71-36-3 butan-1-ol**

PEL	Long-term value: 300 mg/m <sup>3</sup> , 100 ppm
REL	Ceiling limit value: 150 mg/m <sup>3</sup> , 50 ppm Skin
TLV	Long-term value: 20 ppm
TWA	Long-term value: 61 mg/m <sup>3</sup> , 20 ppm

**Ingredients with biological limit values:**

**108-93-0 cyclohexanol**

BEI	- Medium: urine Time: end of shift at end of workweek Parameter: 1,2-Cyclohexanediol (with hydrolysis, nonspecific, nonquantitative)
	- Medium: urine Time: end of shift Parameter: Cyclohexanol (with hydrolysis, nonspecific, nonquantitative)

· **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.
- Store protective clothing separately.



Avoid contact with the skin.



Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.

· **Protection of hands:** Protective gloves

· **Material of gloves**

Nitrile rubber, NBR

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- Chemical resistant gloves
- **Eye protection:** Tightly sealed goggles

## 9 Physical and chemical properties

<ul style="list-style-type: none"> <li>· <b>Information on basic physical and chemical properties</b></li> <li>· <b>General Information</b></li> <li>· <b>Appearance:</b> <ul style="list-style-type: none"> <li>Form: Fluid</li> <li>Color: According to product specification</li> </ul> </li> <li>· <b>Odor:</b> Characteristic</li> <li>· <b>Odor threshold:</b> Not determined.</li> </ul>	
· <b>pH-value:</b>	Neutral
<ul style="list-style-type: none"> <li>· <b>Change in condition</b> <ul style="list-style-type: none"> <li>Melting point/Melting range: Undetermined.</li> <li>Boiling point/Boiling range: 153 °C (307.4 °F)</li> </ul> </li> </ul>	
· <b>Flash point:</b>	40 °C (104 °F) (ISO 3679)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	230 °C (446 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<ul style="list-style-type: none"> <li>· <b>Explosion limits:</b> <ul style="list-style-type: none"> <li>Lower: 2 Vol %</li> <li>Upper: 11.2 Vol %</li> </ul> </li> </ul>	
· <b>Vapor pressure at 20 °C (68 °F):</b>	1.3 hPa (1 mm Hg)
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b> Not determined.	
<ul style="list-style-type: none"> <li>· <b>Viscosity:</b> <ul style="list-style-type: none"> <li>Dynamic: Not determined.</li> <li>Kinematic: Not determined.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Solvent content:</b> <ul style="list-style-type: none"> <li>Organic solvents: 32.9 %</li> <li>Solvent (USA): 32.94 %</li> <li>329.4 g/l / 2.75 lb/gal</li> </ul> </li> </ul>	
· <b>Solids content:</b>	17.0 %

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· **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:**

108-93-0 cyclohexanol		
Oral	LD50	2,060 mg/kg (rat)
8002-09-3 pine oil		
Oral	LD50	2,000 mg/kg (rat)
95-50-1 1,2-dichlorobenzene		
Oral	LD50	1,516 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	14.04 mg/L (rat)
108-94-1 cyclohexanone		
Oral	LD50	1,900 mg/kg (rat)
Dermal	LD50	948 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/L (rat)
71-36-3 butan-1-ol		
Oral	LD50	790 mg/kg (rat)
Dermal	LD50	3,430 mg/kg (rabbit)
Inhalative	LC0/4 h	>17.76 mg/L (rat)
	LC50/4 h	8,000 mg/L (rat)

- **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:  
Harmful  
Corrosive  
Irritant  
The product can cause inheritable damage.

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· **Carcinogenic categories**

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

95-50-1	1,2-dichlorobenzene	3
108-94-1	cyclohexanone	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Muta. 1B, Carc. 1B

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

**95-50-1 1,2-dichlorobenzene**

Oral	LC50/96 h (static)	1.52 mg/L (fish) Oncorhynchus mykiss
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**108-94-1 cyclohexanone**

Oral	LC50/96 h (dynamic)	527 mg/L (fish)
	LC50/48 h	536 mg/L (fish)
	EC50/48 h	820 mg/L (daphnia)

**71-36-3 butan-1-ol**

Oral	NOEC/21 d	4,100 µg/L (daphnia) (OECD Test Guideline 211)
	LC50/96 h	1,376 mg/L (fish) (OECD Test Guideline 203) Pimephales promelas
	EC50/17 h	4,390 mg/L (microbiological activity) Pseudomonas putida
	EC50/48 h	1,328 mg/L (daphnia) (OECD Test Guideline 202)
	ErC50/96h	225 mg/L (algae) (OECD Test Guideline 201) Pseudokirchneriella subcapitata

· **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.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

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

**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**

<ul style="list-style-type: none"> <li>· UN-Number</li> <li>· DOT, IMDG, IATA</li> </ul>	UN1263
<ul style="list-style-type: none"> <li>· UN proper shipping name</li> <li>· DOT</li> <li>· IMDG</li> <li>· IATA</li> </ul>	Paint PAINT (o-DICHLOROBENZENE) PAINT
<ul style="list-style-type: none"> <li>· Transport hazard class(es)</li> </ul>	
<ul style="list-style-type: none"> <li>· DOT</li> </ul>	
	
<ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	3 Flammable liquids 3
<ul style="list-style-type: none"> <li>· IMDG</li> </ul>  	
<ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	3 Flammable liquids 3
<ul style="list-style-type: none"> <li>· IATA</li> </ul> 	
<ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	3 Flammable liquids 3
<ul style="list-style-type: none"> <li>· Packing group</li> <li>· DOT, IMDG, IATA</li> </ul>	III

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· <b>Environmental hazards:</b>	Product contains environmentally hazardous substances: 1,2-dichlorobenzene
· <b>Marine pollutant:</b>	No
	Symbol (fish and tree)
· <b>Special marking (ADR):</b>	Symbol (fish and tree)
· <b>Special precautions for user</b>	Warning: Flammable liquids
· <b>Hazard identification number (Kemler code):</b>	30
· <b>EMS Number:</b>	F-E, <u>S-E</u>
· <b>Segregation groups</b>	Liquid halogenated hydrocarbons
· <b>Stowage Category</b>	A
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>DOT</b>	
· <b>Quantity limitations</b>	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

## 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):**

108-93-0	cyclohexanol	*
95-50-1	1,2-dichlorobenzene	*

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

108-93-0	cyclohexanol	ACTIVE
5593-70-4	tetra-n-butoxytitanium	ACTIVE
8050-09-7	rosin	ACTIVE
8052-41-3	Stoddard solvent	ACTIVE
95-50-1	1,2-dichlorobenzene	ACTIVE
14233-37-5	C.I. solvent blue 36	ACTIVE
546-68-9	tetraisopropoxytitanium	ACTIVE
71-36-3	butan-1-ol	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

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# Safety Data Sheet

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**Product ID#: Duncan OG 803 Mother of Pearl**

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· **Proposition 65**

· **Warning: This product contains a chemical known to the State of California to cause cancer**

8052-41-3	Stoddard solvent	*
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· **Warning: This product contains a chemical known to the State of California to cause female reproductive hazards.**

None of the ingredients is listed.

· **Warning: This product contains a chemical known to the State of California to cause male reproductive hazards**

None of the ingredients is listed.

· **Warning: This product contains a chemical known to the State of California to cause development toxicity**

None of the ingredients is listed.

· **Canadian Ingredient disclosure list**

· **Limit 0,1%**

108-94-1	cyclohexanone
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· **Limit 1%**

108-93-0	cyclohexanol
8052-41-3	Stoddard solvent
95-50-1	1,2-dichlorobenzene

· **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**

95-50-1	1,2-dichlorobenzene	D
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· **TLV (Threshold Limit Value established by ACGIH) notations**

95-50-1	1,2-dichlorobenzene	A4
108-94-1	cyclohexanone	A3

· **MAK (German Maximum Workplace Concentration)**

108-94-1	cyclohexanone	3B	6.0%
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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· **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.

· **Relevant phrases**

- H226 Flammable liquid and vapor.
- H227 Combustible liquid.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.

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**Safety Data Sheet**  
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Reviewed on 07/22/2021

**Product ID#: Duncan OG 803 Mother of Pearl**

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H311 Toxic 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.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

• **Contact:**

S. Carter  
EHS Specialist

• **Date of preparation / last revision** 07/22/2021 / 16

• **Abbreviations and acronyms:**

ICAO: International Civil Aviation Organisation  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ADR: Accord relatif au transport international 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  
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  
BEI: Biological Exposure Limit  
Flam. Liq. 3: Flammable liquids – Category 3  
Flam. Liq. 4: Flammable liquids – Category 4  
Acute Tox. 4: Acute toxicity – Category 4  
Acute Tox. 3: Acute toxicity – Category 3  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
Skin Sens. 1: Skin sensitisation – Category 1  
Muta. 1B: Germ cell mutagenicity – Category 1B  
Carc. 1B: Carcinogenicity – Category 1B  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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