

10/23/2006 12:17 4158848091

SAVOIR FAIRE

PAGE 02/05

**01529-0129****SENNELIER****SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING**

PRODUCT NAME Dutch brilliant medium, all sizes  
 CHEMICAL NAME OR ADDITIVE NAME Additive for artistical use  
 SUPPLIER MAX SAUER SAS,  
 2, rue Lamarck, BP 204, F-22002 SAINT BRIEUC Cedex 02  
 Tel: +33 2 96 68 20 00, Fax: +33 2 96 61 77 19  
 INTERNET [max.sauer@wanadoo.fr](mailto:max.sauer@wanadoo.fr)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hydrotreated heavy Naphta

EINCS	CAS	Content	Symbol	R-phrases
265-150-3	64742-48-9	<50 %	Xn	R 10, 65, 66

Naphta

EINCS	CAS	Content	Symbols	R-phrases
265-185-4	64742-82-1	<10 %	Xn,N	R 10, 51/53, 65

See § 16 the meaning of the R phrases.

**3. HAZARDS IDENTIFICATION****HARMFUL X<sub>n</sub>**

R10 : Flammable.  
 R66 : Repeated exposure may cause skin dryness or cracking.

**4. FIRST AID MEASURES**

INGESTION DO NOT INDUCE VOMITING!  
 Do NOT make the victim drink milk or fatty fluids

SKIN Remove contaminated clothing.  
 Get medical attention promptly if symptoms occur after washing.

EYES Continue to rinse for at least 15 minutes and get medical attention.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED : Water spray, fog or mist. Powder, foam or CO<sub>2</sub>.  
 NOT SUITABLE : Water jet.

SPECIAL FIRE FIGHTING PROCEDURES Treat as hydrocarbon fire.  
 In case of fire and/or explosion do not breathe fumes.

14 january 2005  
 Dutch brilliant medium

1/4

10/23/2006 12:17 4158848091

SAVOIR FAIRE

PAGE 03/05

<b>SPECIFIC HAZARDS</b>	Forms explosive mixtures with air.
<b>HAZARDOUS COMBUSTION PRODUCTS</b>	Toxic gases/vapours/fumes: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrous gases (NO <sub>x</sub> ). ...
<b>PROTECTIVE MEASURES IN FIRE</b>	Wear individual breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PROTECTION</b>	Avoid inhaling vapours.
<b>ENVIRONMENTAL PROTECTION</b>	Discharge in sewers prohibited.
<b>SPILL CLEANUP METHODS</b>	Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid contact with skin or inhalation of spillage, dust or vapour. Provide ventilation and confine spill. Do not allow runoff to sewer. Do not contaminate water sources or sewer.

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## 7. HANDLING AND STORAGE

<b>USAGE PRECAUTIONS</b>	Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid spilling, skin and eye contact.
<b>STORAGE CRITERIA</b>	Flammable liquid storage.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



<b>PROCESS CONDITIONS</b>	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.
<b>VENTILATION</b>	Provide adequate general and local exhaust ventilation.
<b>RESPIRATORS</b>	Do NOT breathe vapours. If ventilation is insufficient, suitable respiratory protection must be provided.
<b>PROTECTIVE GLOVES</b>	Use protective gloves.
<b>EYE PROTECTION</b>	Wear approved safety goggles.
<b>OTHER PROTECTION</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Stiff paste.
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14 January 2005  
Dutch brilliant medium

2/4

10/23/2006 12:17 4158848091

SAVOIR FAIRE

PAGE 04/05

COLOUR colourless.  
 ODOUR Organic solvents.  
 DENSITY/SPECIFIC GRAVITY (g/ml) 0.77  
 GRAVITY (g/ml) Temperature (°C) :20°C  
 FLASH POINT (°C) 38°C  
 Method :Sh CC (Setaflash closed cup).

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## 10. STABILITY AND REACTIVITY

STABILITY Stable under normal storage condition.  
 CONDITIONS TO AVOID Avoid heat.  
 Avoid contact with acids and oxidising substances.  
 HAZARDOUS DECOMP. PRODUCTS Fire creates:  
 Toxic gases/vapours/fumes of: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrous gases (NO<sub>x</sub>). ...

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## 11. TOXICOLOGICAL INFORMATION

SKIN Prolonged or repeated contact leads to drying of skin.  
 EYES May cause irritation to eyes.

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## 12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION Do not discharge into drains or the environment ; dispose to an authorised waste collection point.

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## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Contact specialist disposal companies.  
 Do not allow runoff to sewer, waterway or ground.  
 Store waste impregnated with solvents in closed sealed containers

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## 14. TRANSPORT INFORMATION

### ROAD TRANSPORT:

UN NO. ROAD 1263 PAINTS (contains: Turpentine Substitute)  
 ADR CLASS Class 3: Flammable liquids.  
 HAZARD NO. (ADR) 31c  
 HAZCHEM CODE 30  
 PROPER SHIPPING NAME (NATIONAL) contains: Turpentine Substitute

### SEA TRANSPORT:

UN NO. SEA 1263 PAINTS (contains: Turpentine Substitute)  
 IMDG PACKING GROUP III  
 EMS NO. 3-05  
 MFAG TABLE NO.  
 MARINE POLLUTANT Yes

14 january 2005  
 Dutch brilliant medium

3/4

10/23/2006 12:17 4158848091

SAVOIR FAIRE

PAGE 05/05

**AIR TRANSPORT:**

UN NO., AIR 1263 PAINTS (contains: Turpentine Substitute)  
 IATA/ICAO PACKING GROUP III

**15. REGULATORY INFORMATION**

SYMBOLS	Xn	Harmful
RISK PHRASES	R10 :	Flammable.
	R66 :	Repeated exposure may cause skin dryness or cracking.
SAFETY PHRASES	S2:	Keep out of the reach of children.

Commission Directive 2001/59/EC of 6 August 2001 adapting to technical progress for the 28th time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal L 225 - 21/08/2001).  
 Dangerous preparations : Directive 99/45 amended by Directive 2001/60/EC - OJEC L226 - 22/08/2001.  
 Directive 91/155/EEC amended by Directive 93/112/EEC and Directive 2001/58/EC : Safety data sheets.

**16. OTHER INFORMATION****R phrases:**

R10: Flammable.  
 R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65: Harmful; may cause lung damage if swallowed.  
 R66: Repeated exposure may cause skin dryness or cracking.

**USER NOTES:**

This information ONLY applies to this product which conforms to the specification of Max Sauer SAS.  
 In case of formulations or mixtures, the user must ensure that new hazards are not apparent in line with the above.  
 The information contained herein is based on our knowledge of the product, at the date of publishing and it is given in good faith.  
 Please note the possible risks involved if this product is used for applications other than those for which it is intended.  
 This sheet shall only be used and reproduced for Health & Safety purposes.  
 The references to legislative & regulatory information and codes of practice are not exhaustive. Other applicable regulations may be considered.  
 It is the responsibility of the user to refer to existing legislation concerning the use, the storage and the safe handling of the product.  
 It is also the responsibility of the user to communicate ALL information related to the protection of Health, Safety & the Environment contained within this Material Safety Data Sheet to those persons involved in the handling of this product.

14 January 2005  
 Dutch brilliant medium

4/4

10/20/2006 11:28

4158848091

SAVOIR FAIRE

PAGE 02/09

1/4

<b>SENNELIER MATERIAL SAFETY DATA SHEET.</b>
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<b>1 - IDENTIFICATION OF THE PREPARATION AND COMPANY.</b>
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Product Name and/or Code :

CLARIFIED TURPENTINE

Intended use :

Artistic use

Name of company :

MAX SAUER S.A  
 2, rue Lamarck  
 22002 Saint Brieuc Cedex  
 Tel : (33) 02 96 68 20 00

<b>2 - COMPOSITION/INFORMATION ON INGREDIENTS.</b>
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Substances presenting a health hazard by the terms of the Dangerous Substances Directive 67/548/EEC :

Names	Conc.	Symbol	R-Sentences
Clarified Turpentine	100 %	Xn, N	R10, 20/21/22, 65, 36/38, 43, 51/53

<b>3 - HAZARDS IDENTIFICATION OF THE PREPARATION.</b>
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**HARMFUL, DANGEROUS FOR THE ENVIRONMENT.**

R 10 : Flammable

R 20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.

R 65 : Harmful : may cause lung damage if swallowed.

R 36/38 : Irritating to eyes and skin.

R43 : May cause sensitisation by skin contact.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<b>4 - FIRST AID MEASURES.</b>
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**General :** Poisoning symptoms can appear after several hours ; a medical attention is necessary 48 hours after accident.

**Eye contact :** Remove contact lenses, irrigate with copious amount of water for at least 10 minutes, and seek medical advice.

**Skin contact :** Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser.

**Ingestion :** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting. Do not drink.

**Inhalation :** Remove patient to fresh air and seek medical care.

07/03/01

Clarified Turpentine

10/20/2006 11:28 4158848091

SAVOIR FAIRE

PAGE 03/09

2/4

**5 - FIRE-FIGHTING MEASURES.**

**Extinguishing media :** CO<sub>2</sub>, powders or water spray. Fight fire with water spray or foam resisting alcohol. Avoid extinguisher products for securities reasons : water jet with great flow.

**Recommendations :** Appropriate breathing apparatus may be required.

**6 - ACCIDENTAL RELEASE MEASURES.**

Collect spillage with non-combustible absorbent materials, in a suitable container for disposal according to local regulations.

**7 - HANDLING AND STORAGE.**

Exclude sources of ignition and ventilate area. Do not smoke. Take precaution against electrostatic charge.

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION.**

**OEL :** 560 mg/m<sup>3</sup> (100ml/m<sup>3</sup>)  
(TWA)

**General precautions :** Clean, protective equipment should be used daily cover cuts, grazes and any unbroken skin with impervious dressings to avoid contamination. When using the product, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs.

**Hand protection :** Use gloves. Wash hands after use.

**Eye protection :** Glasses.

**Respiratory protection :**

For weak contact, use respiratory filter ; for prolonged or repeated contact, use appropriate respirator independent of air temperature.

**9 - PHYSICAL AND CHEMICAL PROPERTIES.**

<b>Physical State :</b>	colourless liquid, characteristic smell
<b>Fusion point :</b>	- 55 °C
<b>Flash point :</b>	36°C
<b>Boiling point :</b>	154°-170°C
<b>Explosion danger :</b>	This product is not explosive ; however, vapours may form explosive mixtures with air.
<b>Explosion limit :</b>	- lower : 0,8 Vol % - upper : 6 Vol %
<b>Vapour density :</b>	to 20°C : 5,35 mbar
<b>Specific gravity :</b>	to 20°C : 0,86-0,87
<b>Solubility in water :</b>	to 20°C : 0,02 g/l

07/03/01

- Clarified Turpentine

10/20/2006 11:28

4158848091

SAVOIR FAIRE

PAGE 04/09

3/4

**10 - STABILITY AND REACTIVITY.**

Stable under recommended storage and handling conditions.

**11 - TOXICOLOGICAL INFORMATION.**

Irritation Primary effect :

Skin : not irritation

Eyes : not irritation

Sensitization : no effect about sensitization know.

**12 - ECOLOGICAL INFORMATION.**

Generally, not pollutant.

**13 - DISPOSAL CONSIDERATIONS.**

Do not evacuate with domestic rubbish Do not allow into drains.  
Waste and empty containers should be disposed according to local regulations.

**14 - TRANSPORT INFORMATION.**

Transport by road and rail ADR/RID et RTMDR/RTMDF :

. Class : ADR/RID-RTMDR/F : 3 liquid flammable

. Item : 31 C

. Indice Kemler : 30

. n° ONU : 1299

. Designation : Clarified Turpentine

Transport by sea IMDG :

. Class IMDG : 3,3

. Page : 3391

. n° ONU : 1299

. Packaging group : III

. n° EMS : 3-07

. MFAG : 313

. Sea Pollutant : yes (P)

. Exact designation : Turpentine

Transport by air ICAO-II et IATA-DGR :

. Class ICAO/LATA : 3

. n° ID ONU : 1299

. Packaging group : III

. Exact designation : Turpentine

07/03/01

. Clarified Turpentine

10/20/2006 11:28 4158848091

SAVOIR FAIRE

PAGE 05/09

4/4

**15 - REGULATORY INFORMATION.**

In accordance with European Directive 88/379/EEC :

**Danger classification :** Harmful, dangerous for the environment.**Contains :** Clarified Turpentine**R-phrases :**

**R 10 :** Flammable  
**R 20/21/22 :** Harmful by inhalation, in contact with skin and if swallowed.  
**R 65 :** Harmful : may cause lung damage if swallowed.  
**R 36/38 :** Irritating to eyes and skin.  
**R 43 :** May cause sensitisation by skin contact.  
**R 51/53 :** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases :**

**S2 :** Keep out of the reach of children.  
**S37 :** Wear suitable gloves.  
**S61 :** Avoid release to the environment. Refer to Safety data sheets.  
**S62 :** If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

**16 - OTHER INFORMATION.**

May cause sensitisation by skin contact. The information of this MSDS is based on the present state of our knowledge and on current national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.

07/03/01

-Clarified Turpentine

Nov 11 2002 11:57AM HP LASERJET 3200  
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P. 6

01529 - all codes  
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1/3

- 0149
- 1110
- 4010
- 4140
- 4150
- 4230

**SENNELIER MATERIAL SAFETY DATA SHEET.**

**1 - IDENTIFICATION OF THE PREPARATION AND COMPANY.**

Product Name and/or Code : SENNELIER EXTRA FINE OIL COLOURS :  
All Colours excepted # 108, 507, 549, 551, 555, 568.

Intended use : Artistic use

Name of company : MAX SAUER S.A  
2, rue Lamarck  
22002 Saint Brieuc Cedex  
Tél : (33) 96 68 20 00

**2 - COMPOSITION/INFORMATION ON INGREDIENTS.**

There are no substances presenting a health hazard by the terms of the Dangerous Substances Directive 67/548/EEC.

**3 - HAZARDS IDENTIFICATION OF THE PREPARATION.**

These preparations do not present any health hazard by the terms of the European Directive 67/548/EEC.

**4 - FIRST AID MEASURES.**

General :  
In all cases of doubt, or when symptoms persist, seek medical attention.

**5 - FIRE-FIGHTING MEASURES.**

Extinguishing media :  
AD

Recommendations :  
Cool closed containers exposed to fire with water.

25/04/1996

Sennelier Extra Fine Oil Colours  
All Colours excepted # 108, 507, 549, 551, 555, 568..

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2/3

**6 - ACCIDENTAL RELEASE MEASURES.**

Collect spillage with non-combustible absorbent materials, in a suitable container for disposal according to local regulations.

**7 - HANDLING AND STORAGE.**

Storage : not to be stored above 40° C.

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION.**

**9 - PHYSICAL AND CHEMICAL PROPERTIES.**

Physical State : paste  
 Flash point : non applicable  
 Viscosity : > 100 000 cps  
 Specific gravity : 1.2 - 2.5  
 Solubility in water : not soluble

**10 - STABILITY AND REACTIVITY.**

Stable under recommended storage and handling conditions.

**11 - TOXICOLOGICAL INFORMATION.**

There are no data available on the preparations themselves.

**12 - ECOLOGICAL INFORMATION.**

There are no data available on the preparations themselves.

**13 - DISPOSAL CONSIDERATIONS.**

Waste and empty containers should be disposed according to local regulations.

**14 - TRANSPORT INFORMATION.**

These products are not regulated.

25/04/1996

Sennelier Extra Fine Oil Colours  
 All Colours excepted # 108, 507, 549, 551, 555, 568.

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104

3/3

### 15 - REGULATORY INFORMATION.

These preparations do not present any health hazard by the terms of the European Directive 88/379/EEC.

### 16 - OTHER INFORMATION.

The information of this MSDS is based on the present state of our knowledge and on current E and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product. None of the information is to be taken constitute a guarantee concerning the properties of the product.

25/04/1996

Sennelier Extra Fine Oil Colours  
All Colours excepted # 108, 507, 549, 551, 555, 568,.