

01060-1286

**NATURAL PIGMENTS****Safety Data Sheet  
Mineral Spirits 66****SECTION 1: Identification****1.1 GHS Product identifier**

Product name	Mineral Spirits 66
Product number	520-1QDRxx
Brand	Rublev Colours

**1.2 Other means of identification**  
Mineral Spirits 66)**1.3 Recommended use of the chemical and restrictions on use**  
For use in art painting and restoration. Not recommended for children.**1.4 Supplier's details**

Name	Natural Pigments
Address	291 Shell Lane Willits CA 95490 United States
Telephone	707-459-9998
Fax	707-275-6063
email	service@naturalpigments.com

**1.5 Emergency phone number**

INFOTRAC 1-800-424-9300 within North America or +1-352-323-3500 domestically or internationally.  
Account Number 115514

**SECTION 2: Hazard identification****2.1 Classification of the substance or mixture****GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Flammable liquids, Cat. 3
- Aspiration hazard, Cat. 1
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3

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### 2.2 GHS label elements, including precautionary statements

#### Pictograms



1. Flame; 2. Health hazard; 3. Exclamation mark

#### Signal word

**Danger**

#### Hazard statement(s)

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

#### Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
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.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection/protective gloves.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
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.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P331	Do NOT induce vomiting.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use ... to extinguish.
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 to licensed waste management.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

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Component	CAS no.	Concentration
Distillates (petroleum), hydrotreated light (Index no.: 649-422-00-2) (weight)	64742-47-8	>= 80 - <= 90 %
CLASSIFICATIONS: Aspiration hazard, Cat. 1. HAZARDS: H304 - May be fatal if swallowed and enters airways.		
Solvent naphtha (petroleum), light aromatics (Index no.: 649-327-00-6) (weight)	64742-48-9	>= 10 - <= 20 %
CLASSIFICATIONS: Carcinogenicity, Cat. 1B; Germ cell mutagenicity, Cat. 1B; Aspiration hazard, Cat. 1. HAZARDS: H304 - May be fatal if swallowed and enters airways; H340 - May cause genetic defects [route]; H350 - May cause cancer [route].		

### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Personal protective equipment for first-aid responders	First Aid responders should pay attention to self-protection and use the recommended protective clothing.

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

Irritation  
Dermatitis  
Headache  
Dizziness  
Unconsciousness  
Aspiration may cause pulmonary edema and pneumonitis.  
Fatigue  
Nausea

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

In case of shortness of breath, give oxygen. Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
Not suitable : Do not use water jet.

#### 5.2 Specific hazards arising from the chemical

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done

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without risk. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

### 5.3 Special protective actions for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

#### Further information

Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

### 6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### 6.3 Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion -proof electrical (ventilating, lighting and material handling) equipment. Use nonsparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container, protected from direct sunlight. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**CAS: 64742-47-8 (EC: 265-149-8)**

Distillates (petroleum), hydrotreated light  
US/OSHA: 500 ppm/2,000 mg<sub>3</sub> TWA inhalation

**CAS: 64742-48-9 (EC: 265-150-3)**

Solvent naphtha (petroleum), light aromatics  
US/OSHA: 400 ppm/1,600 mg<sub>3</sub> TWA inhalation

#### 8.2 Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

**Pictograms****Eye/face protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Recommended: splash goggles.

**Skin protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Recommended: nitrile rubber.

**Body protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Recommended: lab coat.

**Respiratory protection**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### SECTION 9: Physical and chemical properties

Appearance, such as physical state and colour  
Odour

Clear, transparent  
Hydrocarbon

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**Safety Data Sheet  
Mineral Spirits 66****Information on toxicological effects****Acute toxicity**

No data available.

**Skin corrosion/irritation**

Components:

64742-47-8 / 64742-48-9:

Species: Rabbit

Exposure time: 4 h

Result: Irritating to skin.

**Serious eye damage/irritation**

Components:

64742-47-8 / 64742-48-9:

Species: Rabbit

Result: Irritating to eyes.

**Respiratory or skin sensitization**

No data available.

**Germ cell mutagenicity**

Components:

64742-47-8 / 64742-48-9:

Germ Cell Mutagenicity Assessment: Mutagenicity classification not possible from current data.

**Carcinogenicity**

Components:

64742-47-8 / 64742-48-9:

Carcinogenicity Assessment: Carcinogenicity classification not possible from current data.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Components:

64742-47-8 / 64742-48-9:

Reproductive toxicity - Assessment

Animal testing did not show any effects on fertility.

**Summary of evaluation of the CMR properties**

Teratogenicity - Assessment

Embryotoxicity classification not possible from current data.

**Specific target organ toxicity (STOT) - single exposure**

Components:

64742-47-8 / 64742-48-9:

Exposure routes: Inhalation

Target Organs: Central nervous system

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Assessment: May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

### Specific target organ toxicity (STOT) - repeated exposure

No data available

### Aspiration hazard

Components:

64742-47-8 / 64742-48-9:

May be fatal if swallowed and enters airways.

### Additional information

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

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## SECTION 12: Ecological information

### Toxicity

64742-47-8 / 64742-48-9:

Toxicity to fish:

LL50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l

Exposure time: 96 h

Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates:

EL50 (Daphnia magna (Water flea)): 1.4 mg/l

Exposure time: 48 h

Test Type: static test

Toxicity to algae:

EL50 (Pseudokirchneriella subcapitata (green algae)): 1 mg/l

End point: Growth rate

Exposure time: 72 h

Test Type: static test

Acute aquatic toxicity - Assessment:

Toxic to aquatic life.

Chronic aquatic toxicity - Assessment:

Toxic to aquatic life with long lasting effects.

### Persistence and degradability

Components:

64742-47-8 / 64742-48-9:

Biodegradability:

aerobic

Biodegradation: 61 %

Exposure time: 28 d

Remarks: Readily biodegradable

### Bioaccumulative potential

No data available.

### Mobility in soil

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No data available.

**Other adverse effects**

Ozone-Depletion Potential:

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

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**SECTION 13: Disposal considerations****Disposal methods****Product disposal**

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Packaging disposal**

Empty remaining contents.

Dispose of as unused product.

Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty drum.

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**SECTION 14: Transport information****DOT (US)**

UN Number: UN1268

Class: 3

Packing Group: III

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

**IMDG**

UN Number: UN1268

Class: 3

Packing Group: III

EMS Number:

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

**IATA**

UN Number: UN1268

Class: 3

Packing Group: III

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

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The flash point for this material is greater than 100 F (38 C). Therefore, in accordance with 49 CFR 173.150(f) non-bulk containers (<450L or <119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### Australian Inventory of Chemical Substances (AICS)

This material is listed or exempted.

##### California Prop. 65 Components

WARNING: This product can expose you to chemicals, including benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

##### EU Table of Harmonised Entries (Annex VI to CLP)

Chemical name: Distillates (petroleum), hydrotreated light  
CAS number: 64742-47-8

Chemical name: Solvent naphtha (petroleum), light aromatics  
CAS number: 64742-48-9

##### European Inventory of Existing Commercial Chemical Substances (EINECS)

Not in compliance with the inventory.

##### Inventory of Existing Chemical Substances in China (IECSC)

This material is listed or exempted.

##### Japanese Existing and New Chemical Substances (ENCS)

Not determined.

##### Korean Existing Chemicals List (KECL)

This material is listed or exempted.

##### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know.

##### Pennsylvania Right To Know Components

64742-47-8 / 64742-48-9

Distillates (pet), hydrotreated light AND/OR Naph (pet), hydrotreated hv  
108-88-3

\*\*Toluene

##### SARA 302 Components

Extremely hazardous substances: No products were found.

Emergency planning and notification: No products were found.

Hazardous chemicals: Stoddard solvent

MSDS distribution - chemical inventory - hazard identification: Stoddard solvent: Fire hazard, Immediate (acute)  
health hazard

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### SARA 311/312 Hazards

Hazardous chemicals: Distillates (petroleum), hydrotreated light

MSDS distribution - chemical inventory - hazard identification: Stoddard solvent: Fire hazard, Immediate (acute) health hazard

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### US EPA TSCA public inventory

Chemical name: Distillates (petroleum), hydrotreated light

CAS number: 64742-47-8

Chemical name: Solvent naphtha (petroleum), light aromatics

CAS number: 64742-48-9

### US Toxic Substances Control Act (TSCA) Inventory

This product is listed on the TSCA Inventory.

### HMIS Rating

Mineral Spirits 66	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

### NFPA Rating



## SECTION 16: Other information

### 16.1 Further information/disclaimer

The statements contained herein are based upon technical data that Natural Pigments believes to be reliable, are offered for information purposes only and as a guide to the appropriate precautionary and emergency handling of the material by a properly trained person having the necessary technical skills. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use, storage and disposal of these materials and the safety and health of employees and customers and the protection of the environment. NATURAL PIGMENTS MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, WITH RESPECT TO THE INFORMATION HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS.