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 EMERGENCY PH: As above, or Poisons Information Centre

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Material Safety Data Sheet

Classified as **HAZARDOUS** according to the criteria of Safe Work Australia (formerly ASCC – Australian Safety & Compensation Council [formerly NOHSC – National Occupational Health & Safety Commission])

Xn: Harmful

IDENTIFICATION

Product name: Archival Oils™ Flow Gel Medium

Other names: ----

U.N. No: N/A

Hazchem: N/A

Dangerous Goods Class & Sub Risk: N/A

Poisons Schedule: 5

Manufacturer's Product Codes: AR70720, AR70730 & AR70740

Use: Additive to reduce the appearance of brush marks in artists' oil paints.

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PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Light coloured soft gel

Boiling Point/Melting Point (°C): N/A

Vapour Pressure (Pascals or mm of Hg at 25°C): N/A

Specific Gravity: Approx 0.9g/ml

Flash Point: Approx 80°C

Flammability limits (%): N/A

Solubility in Water (g/L): Insoluble

Other properties: Mild isoparaffinic odour

COMPONENTS

Chemical Entity	CAS No.	Concentration
Alkyd Resin (in White Spirits)	[64742-88-7 (approx 43%)]	39.02%
Alkyd Resin	N/A	Commercial In Confidence
Petroleum Derived Complex - Substance (Solvent)	64742-47-8	24.39%
Thickener	63800-37-3, 61789-72-8	Commercial In Confidence
Plasticiser	N/A	4.88%
Anti-Skin Agent	96-29-7	3.90%

NOTE: The physical data presented above are typical values only and should not be construed as a specification.

HEALTH HAZARD / TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms of effects may occur if the product is mishandled.

Inhalation: Vapour concentrations above recommended exposure levels may be an irritation to the eyes and the respiratory tract, may cause headaches and dizziness, may act as an anaesthetic and may have other central nervous system effects.

Ingestion: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema. May cause nausea, stomach pain,

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vomiting and diarrhoea.

Eye Contact: Contact with eye will cause discomfort, but will not injure eye tissue.

Skin Contact: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and irritant dermatitis.

Toxicity Data

Mildly toxic – Inhalation of vapour concentrations above the Time Weighted Average (TWA) Values for Petroleum Derived Complex Substance and/or White Spirits may be irritating to the eyes and respiratory tract; may cause headaches and dizziness; may act as an anaesthetic and may have other effects on the central nervous system.

FIRST AID MEASURES

Ingestion: DO NOT induce vomiting. Administer artificial respiration if breathing is stopped. Keep at rest. Call for immediate medical attention.

Inhalation: Using proper respiratory protection, immediately remove the victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Skin contact: Flush with large amounts of water, use mild soap if available. Remove grossly contaminated clothing, including shoes, and launder before re-use.

Eye contact: Direct eye contact may cause irritation; Flush eyes with large amounts of cool water until irritation subsides. If irritation persists, consult a specialist.

Advice to doctor: Treat symptomatically. Avoid gastric lavage – aspiration of product into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema

PRECAUTIONS FOR USE

Exposure limit(s): No Time Weighted Average (TWA) exposure standard has been established for this product, however for:

Petroleum Derived Complex Substance TWA = 1200mg/m³ (152 ppm) [ExxonMobil (2000)]

White Spirits TWA = 790 mg/m³

NB: The Time Weighted Average (TWA) value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

Exposure controls

Engineering measures: The use of mechanical or natural ventilation is recommended whenever this product is used in a confined space or is heated above ambient temperatures.

Protective measures: Facilities storing or utilizing this material should be equipped with water facilities and appropriate ventilation equipment.

Individual protection measures

For general use Personal Protection Equipment (PPE) is not required; however a detailed risk assessment on the use of this product taking in to account the work environment and handling methods may indicate PPE is recommended.

Eye/face protection: Safety goggles with side shields may be used.

Skin protection: Single use nitrile gloves may be worn. Wash material immediately off skin with cool soapy water.

Respiratory protection: Where concentrations in the air may exceed the TWA, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. Suitable filter material depends on the workplace but a filter of material type "A" or similar may be considered for use.

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SAFE HANDLING & STORAGE INFORMATION

Safe handling: Avoid contact with eyes. Wash hands with cool soapy water immediately after use. Personal clothing protection is recommended. Operation of use should be conducted in a well ventilated area using the smallest quantity possible.

Storage: Keep from freezing. Store in a cool, dry place, well ventilated away from direct sunlight and all sources of ignition. Shake/stir well before use. Ensure lid is tightly closed when not in use.

Ambient storage temperature: 1°C - 38°C

TRANSPORT INFORMATION

Classified as **NOT HAZARDOUS** for transport according to the criteria of Australian Dangerous Goods (ADG)Code

Classification for Australian land transport (ADG)

Proper Shipping Name: PETROLEUM DERIVED COMPLEX SUBSTANCE
 Class/Pack Group: N/A
 Special Precaution for User: HARMFUL
 UN Number: N/A
 Hazchem: N/A

Classification for sea transport (IMO-IMDG):

Proper Shipping Name: PETROLEUM DERIVED COMPLEX SUBSTANCE
 Class/Pack Group: N/A
 Special Precaution for User: HARMFUL
 UN Number: N/A
 Hazchem: N/A
 Marine Pollutant: No

Classification for air transport (IATA/ICAO):

Proper Shipping Name: PETROLEUM DERIVED COMPLEX SUBSTANCE
 Class/Pack Group: N/A
 Special Precaution for User: HARMFUL
 UN Number: N/A
 Hazchem: N/A

REGULATORY INFORMATION

Poisons Schedule: 5
AICS Name: Distillates, Petroleum, Hydrotreated Light
NZ Toxic Substance: 4
EPG: N/A

FIRE / EXPLOSION HAZARD

Hazchem Code: None allocated

Suitable extinguishing equipment

Stable. Use foam, dry chemical, or water spray to extinguish fire.

Specific hazards during fire fighting

Combustible liquid; low hazard. Material can form a flammable mixture or can burn only upon heating to temperatures at or above the flash point of approx 80°C.

Special protective equipment for fire fighters

Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed surfaces. Use foam, dry chemical, or water spray to extinguish surrounding fire.

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DISPOSAL / ACCIDENTAL RELEASE ADVICE**Small quantities**

Do not pour left over product into drains. Unwanted product should be brushed onto newspaper and allowed to dry to be disposed of via domestic waste collection. Soak/Wipe up smaller spills with a rag and dispose of via domestic waste collection.

Large quantities

Clean up immediately. Prevent spill and cleaning runoff from entering sewers, drains and open bodies of water. If a large amount of product enters a waterway advise your local Waste Management. Contain spill with sand or other inert material and transfer to containers for disposal. Avoid walking through spilled product as it may be slippery. Contact local waste disposal authority for disposal advice.

OTHER INFORMATION

Allergy information: This product contains food grade seed oils. Due care has been taken to ensure this product does not contain any other food derivatives or food-based products however we cannot guarantee the same applies to any of our suppliers of the individual components of this product.

Revision: 14th January 2014 – MSDS reformatted and extra information added.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as 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 to only the specific material designated and may not be valid for such material when used in combination with any other materials or in any process unless specified in the text. Since Chroma Australia Pty Ltd cannot anticipate or control conditions of use, each user prior to using the product should assess and control the risks arising from usage of the product.

Revised 14/01/14

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