



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name	BLACK AND GOLD METHYLATED SPIRITS
Product Code	682496
Product volume/weight	1Litre
Barcode	9310077294228
Recommended Uses	Solvent, Fuel, Cleaning Solvent



COMPANY IDENTIFICATION

Supplier	Metcash Food and Grocery Pty Ltd 1 Thomas Holt Drive Macquarie Park NSW 2113 Australia
EMERGENCY TELEPHONE NUMBER	Metcash Consumer Service Centre: 1300 135 690 Monday to Friday: 9am – 5pm Poisons Information Centre: (24hours/7 days a week) <ul style="list-style-type: none"> • Australia 13 11 26 • New Zealand 0800 761 766

SECTION 2 HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION:

DANGEROUS GOODS	by the criteria of the Australian Dangerous Goods Code (ADG Code).
HAZARDOUS SUBSTANCE	In accordance with GHS classification: https://www.safeworkaustralia.gov.au/system/files/documents/1702/classification_hazardous_chemicals.pdf
SIGNAL WORD	DANGER
Hazard Statement - Copy and paste extra lines if needed, delete unused lines	
H225 Highly flammable liquid and vapour	
Pictograms	Flammable Liquids, Category 2.



PRECAUTIONARY PHRASES:	
P101 If medical advice is needed, have product container or label at hand.	
P102 Keep out of reach of children.	
P103 Read label before use.	
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/light/ ... /equipment.	
P242 Use only non-sparking tools.	
P243 take precautionary measures against static discharge.	
P280 Wear protective gloves/protective clothing/eye protection/face protection.	
P303 IF ON SKIN (or hair):	P361 Remove/take off immediately all contaminated clothing.
P353 Rinse skin with water/shower.	
P370 In case of fire:	P378 Use foam/water spray/fog for extinction
P501 Dispose of contents/container to ...	Dispose of contents/container in accordance with local regulations

NOTE:

This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS		
Chemical Name	CAS No.	Proportion %*
Ethanol	64-17-5	>= 95
Water	7732-18-5	<= 5

SECTION 4 FIRST AID MEASURES

Contact the National Poison Information Centre on 13 11 26 or a Doctor in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur seek medical attention immediately.

SPECIFIC MEASURES	
INHALATION	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
SKIN CONTACT	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.



EYE CONTACT	If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.
INGESTION	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.

NOTE TO PHYSICIAN: Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Alcohol stable foam, water spray or fog. Dry chemical powder, carbon dioxide for small fires only. Do not use water in a jet.
Specific hazards arising from the chemical.	Carbon monoxide and/or carbon dioxide may be evolved.
Special Protective Equipment and Precautions for Fire Fighters.	Wear full protective clothing and self-contained breathing apparatus. Hazchem code •2YE.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.
Environmental precautions	Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.
Methods and materials for containment and cleaning up	For small spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.


SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment necessary in area where chemical is being used. Vapours may accumulate in low or confined areas.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	Bulk storage tanks should be banded. Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES	From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -Ethanol: 1880mg/m ³ (1000ppm) TWA (8hr)
BIOLOGICAL MONITORING	No biological limit allocated.
ENGINEERING CONTROLS	Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)-

Eye and face protection	Wear safety goggles.
Skin protection	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards	Not applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Colourless clear liquid, Alcoholic odour
Density	0.79 - 0.81
Solubility	Data not available
Initial Boiling Point	78
Melting Point/Freezing Point(°C)	-117°C
Vapour Pressure (mmHg @ 20°C):	44
Vapour Density (air = 1, @ 15°C):	1.59
Partition Coefficient: n-octanol/water	Data not available
Auto-ignition temperature (°C):	392



Decomposition Point(c)	Data not available
Kinematic viscosity (mm ² /s @ 20°C):	Data not available
Flash point	13 (Abel)
Flammability	Data not available
Upper/lower flammability or explosive limits (%):	3.5 - 19.0
pH Value	Data not available
Evaporation Rate (Butyl acetate = 1):	Data not available

SECTION 10 STABILITY AND REACTIVITY	
REACTIVITY	Stable under normal conditions of use.
CHEMICAL STABILITY	Stable under normal conditions of use.
POSSIBILITY OF HAZARDOUS REACTIONS	Stable under normal conditions of use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Incompatible materials	Strong oxidising agents
Hazardous decomposition products	Burning can produce carbon monoxide and/or carbon dioxide

SECTION 11 TOXICOLOGICAL INFORMATION	
Acute toxicity:	Low toxicity in animals - LD50 Oral (rat): 7060mg/kg LC50 Inhalation (rat, 6h): 5900mg/m ³
Skin corrosion/irritation:	Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
Serious eye damage/irritation:	Vapours may irritate the eyes. Liquid or mists may severely irritate or damage the eyes.
Respiratory or skin sensitisation:	Not expected to be a sensitiser.
Germ cell mutagenicity:	Not expected to be mutagenic.
Carcinogenicity:	Not expected to be carcinogenic
Reproductive toxicity:	Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle.
Aspiration hazard:	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

SECTION 12 ECOLOGICAL INFORMATION	
ECOTOXICITY	
Acute toxicity:	
Fish –	Expected to be harmful
Aquatic invertebrate –	Expected to be harmful
Algae –	Expected to be toxic



Microorganisms –	Expected to be harmful
Chronic toxicity:	
Fish Aquatic invertebrate Algae Microorganisms	Data not available
PERSISTENCE & DEGRADABILITY	Biodegradable.
BIOACCUMULATIVE POTENTIAL	Data not available.
MOBILITY IN SOIL	Miscible with water.
OTHER ADVERSE EFFECTS	Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Ensure waste disposal conforms to local waste disposal regulations.
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SECTION 14 TRANSPORT INFORMATION

Product classified as DANGEROUS according to Australian Dangerous Goods Code.

Proper shipping name or Technical Name	Ethanol
Class	Class 3
UN Number	1170
Packaging groups	II
HazChem Code	2YE

SECTION 15 REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule	S5
Australian Inventory of Chemical Substances (AICS)	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	14

SECTION 16 OTHER INFORMATION

Black and Gold Methylated Spirits Version Number	1
Issue Date	11 th April, 2018
Contact Point for Non-Urgent Matters	Metcash Food and Grocery Phone: +61 2 8978 1000 1 Thomas Holt Drive Macquarie Park NSW 2113 AUSTRALIA



KEY TO ABBREVIATIONS AND ACRONYMS:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (latest edition)

SWA Safe Work Australia, formerly ASCC and NOHSC

CAS number Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code that provides information to emergency services

IARC International Agency for Research on Cancer

IATA International Air Transport Association

ICAO International Civil Aviation Organization

IMDG Code International Maritime Dangerous Goods Code

IMO International Maritime Organization

N/A Not Applicable

N/D Not Determined

NOS Not otherwise specified

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

STEL Short Term Exposure Limit

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

TWA Time Weighted Average

UN Number United Nations Number

The information and recommendations contained herein are, to the best of Metcash Food and Grocery's knowledge and belief, accurate and reliable as of the date issued. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use.

CONTACT POINT (FOR NON-URGENT MATTERS)

Metcash Food and Grocery

Phone 02 8978 1000

1 Thomas Holt Drive

Macquarie Park NSW 2113

End of SDS