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G4 THINNERS

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name: Bonda G4 Thinners

Application of the substance / the mixture : Coatings, Cleaning Agent

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Bondaglass-Voss Ltd
158-160 Ravenscroft Road
Beckenham
Kent
BR3 4TW
Email: bondaglass@btconnect.com

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

H226 Flammable liquid and vapour



GHS08 Health Hazard

Asp Tox 1 H304 May be fatal if swallowed and enters airways



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07 STOT SE3

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.



Xi; Irritant

R37: Irritating to respiratory system.



N; Dangerous for the environment

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

R10: Flammable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Substances

CAS No. Description

(64742-95-6) Solvent naphtha (petroleum) light aromatic C9

Identification number(s)

EC number: 918-668-5

4. FIRST AID MEASURES**Description of first aid measures****After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

After skin contact:

Repeated skin contact may result in irritation and dermatitis. Always wear protective gloves suitable for this product.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for at least 15 minutes under clean running water. Remove contact lenses if possible. Seek immediate medical advice.

After swallowing: Do not induce vomiting; rinse mouth with water, call for medical help immediately.

Information for doctor: Risk of lung aspiration due to low viscosity of product.

Most important symptoms and effects, both acute and delayed No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with aqueous film forming foam (AFFF). Cool containers with water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture Can form explosive gas-air mixtures.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective apparatus.

Additional information

Cool endangered container with water spray.

Collect contaminated firefighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

Keep unprotected persons away.

Ensure adequate ventilation

Keep people at a distance and stay on the windward side.

Keep away from ignition sources.

Wear protective clothing.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system. In case of seepage into the ground inform responsible authorities.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

Blanket spillage with AFFF Foam Spray to seal from sources of ignition as a precautionary measure.

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.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling

Store in cool, dry place in tightly closed container.

Use only in well ventilated areas.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

Do not spray onto a naked flame, hot surfaces, electrical switchgear, live/battery connected electrics, or near to any potential sources of ignition.

Storage:

Requirements to be met by storerooms and containers

Store in a cool location.

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Do not store together with alkalis (caustic solutions).

Store away from oxidizing agents.

Further information about storage conditions:

Keep container tightly sealed.

Store container in a well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Control parameters Advisory OEL 100mg/m³

Ingredients with limit values that require monitoring at the workplace: Not required.

DNELs

Industrial

25mg/kg BW/day (Dermal)

150mg/m³/8H (inhalation)

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter apparatus. In case of intensive or longer exposure use self-contained respiratory apparatus

Protection of hands:

Solvent resistant gloves.

The glove material has to be impermeable and resistant to the product.

Eye protection: Safety Glasses

Body Protection Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour:	Colourless
Odour:	Solvent-like
Odour threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 140 °C

Flash Point: >35 °C

Density at 20 °C: 0.872 g/cm³

Vapour density Not determined.

Evaporation rate Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications and industry good practice.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid Avoid splash discharge/filling due to static ignition risk.

Incompatible materials: Acids, strong oxidising agents, strong alkalis

Hazardous decomposition products: Carbon monoxide if incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Prolonged contact may result in mild skin irritation.

on the eye: Persistent exposure may cause irritation.

Sensitization: No sensitizing effects known.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Not classified as a carcinogen.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability biodegradable

Remark: Toxic for fish

Additional ecological information:

General notes:

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation

Must not be disposed together with household waste. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

UN-Number 1268

UN proper shipping name Petroleum Distillates NOS

Transport hazard class(es)

ADR



Class 3 Flammable liquids.

Packing group

ADR III

Environmental hazards:

Marine pollutant: No

Special marking (ADR): Symbol (fish and tree)

Special precautions for user Warning: Flammable liquids.

Danger code (Kemler): 3

Transport in bulk according to Annex I 1 of MARPOL73/78 and the IBC Code Not applicable.

Transport/Additional information:

ADR

Transport category 3

Tunnel restriction code D/E

UN "Model Regulation": 3, III

15. REGULATORY INFORMATION

Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07 GHS08 GHS09

Signal word: Harmful

Hazard statements

H226 Flammable liquid and vapour.
 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
 H304 May be fatal if swallowed and enters airways.
 H411 Toxic to aquatic life with long lasting effects.
 EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P233 Keep container tightly closed.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations:

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

The 'R' phrase listed below are for reference only and do not form the R phrases for the labelling or classification of the product. Refer to section 3 for this information.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a 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 only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

