

**MATERIAL SAFETY
DATA SHEET**

July 2022



NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

IDENTITY: (As shown on label or package)	NASHGUARD NG250	PART NO.	N/A
		IF APPLICABLE	

SECTION ONE: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

MANUFACTURER'S NAME:	NASHGUARD LTD	EMERGENCY PHONE No: +44 (0)1362 685833
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)	Unit 5-8 Powley's Industrial Estate Bintree Road Foulsham NR20 SRL	SHIPPING EMERGENCY No: 1 800 4249300
		REVISION 2.3- JULY 05 2022
		MANUFACTURER'S PHONE No
		FOR INFORMATION: +44 (0)1362 685833
		DATE MSDS WAS PREPARED: V1.1 JUNE 06 2008

SECTION TWO- HAZARDOUS INGREDIENTS INFORMATION.

CLASSIFICATION OF SUBSTANCE OR MIXTURE T1

Classification according to EU CLP12722008	FULL TEXT H-PHRASES AVAILABLE
Hazard classes/Hazard categories	Hazard statement
Flam. Liq.2	H225
Asp. Tox-.1	H304
Skin irrit.2	H31.5
Rcpr.2	H336
STOT RE 2	H373
Aquatic Chronic 3	H412

CLASSIFICATION IN ACCORDANCE 67/548/EEC(DSD) T2

Hazards characteristics	R-Phrases
-	R10
Xi	R38
Xn	R48/22
-	R52-53
Repr Cat3	R62

SECTION THREE: COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE NAME	CAS#	EC#	%BY WEIGHT	CLASSIFICATION	T3
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH	64742-89-8	265-192-2	33.5-33.6%	H304 H340 H350 (NOTE A)	
HEXANE	10-54-3	203-777-6	14.5-15.1%	H225 H304 H315 H336 H361 H373 H411	
XYLENE	1330-20-7	215 535-7	12.5-13.0%	H226 H312 H315 H332	
BUTANONE	78-93 3	201-159 0	7.5-8.3%	H225 H319 H336	
ETHYLBENZENE	100-41-4	202-849-4	3.0-3.2%	H225 H332	

(NOTE A)- The classification as a carcinogen or mutant need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS No200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102) P260-P262-P301+P310-P331(TABLE T3) Or the S-phrases (2-) this note applies only to complex oil-derived substances in T3- No carcinogens present.

SECTION FOUR: FIRST AID MEASURES - SPRAYING AND HAND APPLICATION

INHALATION:	Remove to fresh air. Administer Oxygen or respiration if necessary.
SKIN CONTACT	Wash with soap and warm water.
EYE CONTACT	Flush with large amounts of water if irritation persists contact your doctor-physician.
INGESTION	Contact doctor -physician or poison control centre immediately.
Most important symptoms and effects, both acute and delayed	May be fatal if swallowed and enters airways. Can cause skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure. Contact doctor or physician immediately if any indication of special treatment needed.

SECTION FIVE: FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing media: Carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: Not available

Special hazards arising from the substance or mixture:

This material is flammable and may be ignited by heat sparks, flame. In case of fire the following can be released:

Carbon Dioxide and/or Carbon monoxide.

Advice For Fire fighters:

In any fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

With a full face-piece operated in positive pressure mode.

Cool containers at risk with water spray jet.

SECTION SIX: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedure:

Keep non-involved personnel away from the area of spillage. Eliminate all ignition sources if safe to do so.

Use personal protective equipment, avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental Precautions:

Do not allow material to be released into the environment without correct authorities.

Methods for contamination clean up:

Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.

Reference to other sections:

Refer to section 8 of the MSDS

Additional Information:

Not available.

SECTION SEVEN: HANDLING AND STORAGE

Precautions for safe handling:

Protective Measures:

Observe good industrial hygiene practices. Take precautionary measures against static electricity.

Ground/bond Containers tanks and transfer/receiving equipment. Use explosionproof electrical/ventilating/lighting equipment.

Use only non-sparking tools. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure.

Wash hands thoroughly after handling.

Use personal protective equipment as required.

Advice on general occupational hygiene:

Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Do not store above 120°F and use adequate ventilation. Keep container closed when not in use.

Container that has been opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Protective coating for stopping corrosion.

Removable coating.

Waterproofing coating.

SECTION EIGHT: EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters

T4

Occupational exposure limits:

Substance	CAS No.	Occupational exposure limit Value 8 – hour reference period		Occupational exposure limit Value 15-minute reference period		
		PPM	MG.M3	PPM	MG.M3	NOTES
Hexane	110-54-3	20	70	-		IOELV
Butanone	78-93-3	200	600	300	900	Sk,IOELV
Ethylbenzene	100-41-4	100	435	125	545	Sk,IOELV
Xylene	1330-W-7	50	221	100	442	Sk,IOELV

Additional I exposure Limits under the conditions of use: not available

DNEL/DMEL and PENC-Values: Not available

Exposure Controls:

Appropriate engineering Controls:

None required under normal condition. Use adequate ventilation to keep airborne concentrations low.

Individual protection measures, such as protective equipment:**Eye/face protection:**

Chemical splash goggle, or approved eye protection.

Hand protection:

Due to packaging form, risk of skin contact is small, for prolonged use or repeated skin contact use suitable gloves.

Body Protection:

Flame retardant overalls/clothing.

Respiratory protection: Dependent on airborne concentrate, use a respirator with appropriate NIOSH approved cartridge filter if spraying no protection needed if non-spraying application.

Environmental exposure controls.**SECTION NINE: PHYSICAL AND CHEMICAL PROPERTIES.****Information on basic physical and chemical properties:****T5**

Appearance:	Liquid, honey like substance
Colour:	Various colors available RAL-BS
Odour:	Mid odour
Melting point range:	89-141°C
Boiling Point range:	
Flash point (°C):	-7°C (TCC)
Evaporation rate:	>1.0 (Butyl acetate=1)
Flammability solid, gas:	No data available
Ignition Temperature °C:	No data available
Upper/lower flammability/Exposure limits	Flammable limits: LEL 0.9; UEL; 11.5
Vapour pressure:	78mm Hg @20°C
Vapour density:	Heavier than air
Density (25°C):	No data available
Water solubility (g/l):	Insoluble

Physical Hazards:

Highly Flammable liquid and vapour

Other Information:

Fat solubility (solvent-oil to be specified) etc Bulk density: No data available

Dissociation constant in water (pKa): No data available

Oxidation-reduction Potential: No data available

Surface tension: No data available

1/4 Volatile: 71-75.2%

Voc lbs./gal: 4.8-5.0

Specific gravity: 0.79-0.83(H2O=1)

SECTION TEN: STABILITY AND RELIABILITY**Reactivity:**

Stable 'Under recommended transport or storage conditions

Chemical stability:

Stable under normal temperatures and pressures

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

Incompatible materials. Avoid heat, flames, sparks and other sources of ignition. Product may explode if heated

Incompatible Materials:

Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.

Decomposition products may include the following materials: carbon monoxide and/or carbon dioxide

SECTION ELEVEN: TOXICOLOGICAL INFORMATION**Toxicokinetic, metabolism and distribution:**

Not available

Information on toxicological effects:

Acute toxicity:	
LD50 Rat Rat:	Not available
LOSO (Dermal Rabbit):	Not available
LC50 (Inhalation, Rat):	Not available
Skin corrosion/irritation:	Can cause skin irritation
Serious eye damage/irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No Carcinogens present
Reproductive toxicity:	Suspected of damaging fertility or the unborn child
STOT- single exposure:	May cause drowsiness or dizziness
STOT- repeated exposure:	May cause damage to organs through prolonged or repeated exposure
Aspiration hazard:	Aspiration hazard: May be fatal if swallowed and enters airways

SECTION TWELVE: ECOLOGICAL INFORMATION

Toxicity:

ACUTE TOXICITY		TIME	SPECIES	METHOD	EVALUATION	REMARKS
LC50	N/A	96H	FISH	OECD 203	n/a	n/a
EC50	N/A	48H	DAPHNIA	OECD 202	n/a	n/a
EC50	N/A	72H	ALGAE	OECD 201	n/a	n/a

Persistence and degradability: No data available
 Bio accumulative potential: No data available
 Mobility in Soil: No data available
 Results of PBT & vPvB Assessment: No data available
 Other adverse effects: No data available

SECTION THIRTEEN: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Contact a licensed professional waste disposal service- dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
 Contaminated packing must be emptied of all residues and following appropriate cleaning may be sent to recycling plant
 Unclaimed packaging must be disposed of in the same manner.
 Send cured material back to manufacturer for recycling.

SECTION FOURTEEN: TRANSPORT INFORMATION

UN-NUMBER:	1139	1139	1139
UN PROPER SHIPPING NAME:	COATING SOLUTION	COATING SOLUTION	COATING SOLUTION
TRANSPORT HAZARD CLASS:	3	3	3
PACKAGING GROUP:	II	II	II
ENVIRONMENTAL HAZARDS:	NO	NO	NO
SPECIAL PRECAUTION FOR USER:	SEE SECTION TWO	SEE SECTION TWO	SEE SECTION TWO
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE	IBC02	IBC02	IBC02

SECTION FIFTEEN: REGULATORY INFORMATION

Health, Safety, and the environment regulations/legislation specific for the substance or mixture:
NO DATA AVAILABLE

SECTION SIXTEEN: OTHER INFORMATION**RELEVANT R PHRASES – FULL TEXT AND NUMBER**

R10	Flammable
R38	Irritating to skin
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R52-53	Harmful to aquatic organisms, may cause long term adverse effect in the aquatic environment
R62	Possible risk of impaired fertility.
R65	Harmful may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness

LEGAL DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or contact with the above product – it is of your duty to ensure the SDS is the latest version available before handling the product.

END

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