SHIELD TECHNOLOGY LIMITED

SAFETY DATA SHEET

In compliance with Article 31 and Annex II of Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Date: May 2015

1.0 IDENTIFICATION

1.1 Product Name **VanGuard Wipe**

1.2 Supplier

Shield Technology Ltd.,
Unit 69,
Grimsby Business Centre
King Edward Street
Grimsby DN31 3JH
ENGLAND

Telephone No. +44 (0) 1472 360699
Email:- info@shieldtechnology.co.uk

2.0 COMPOSITION / INFORMATION ON INGREDIENTS

A blend of corrosion inhibitors, antioxidants, metals deactivators in mineral oil absorbed into a synthetic lint free wipe.

2.1 Severely hydrotreated naphthenic mineral oil (polycyclic aromatic hydrocarbons substantially absent).

2.2 Amine soaps of mixed fatty acids. (primarily Morpholine Caprylate (10-20% Xi, R36/38) CAS No:38344-72-8

2.3 Polyhydroxy fatty acid ester (commercial grade of compound used in food production).

2.4 Minor components (triazole metals' deactivator, antioxidant<1.0%).

(All components are REACH & EINECS registered)

3.0 HAZARDS IDENTIFICATION

Not classed as dangerous for supply.
Wipe may cause irritation of the skin and eyes.
Vapour from wipe may be irritant to respiratory tract (especially if heated).
Wipe and sachet combustible.

4.0 FIRST AID MEASURES

4.1 Inhalation:	Remove form exposure.
4.2 Skin Contact:	Wash with soap and water. Remove contaminated clothing.
4.3 Eye Contact:	Flush with water for several minutes. Seek medical assistance.
4.4 Ingestion:	Do not induce vomiting: consult physician.

5.0 FIRE FIGHTING MEASURES

Foam, dry powder, CO_2. **DO NOT USE WATER JETS**.
Water fog may be used to cool containers.
Combustion may release undefined organic compounds.
Wear breathing apparatus if necessary.

6.0 ACCIDENTAL RELEASE

6.1 Wear oil resistant protective clothing and safety glasses.
6.2 Prevent entry into sewers and waterways.
6.3 Dispose of in an approved and permitted way.

HANDLING AND STORAGE

Handling:	Avoid contact between wipe and skin and eyes.
Storage:	Maximum recommended storage temperature 40ºC**.** Storage life of wipe is approx. 3 years in unopened sachet.

7.0 EXPOSURE CONTROL / PERSONAL PROTECTION

7.1	Hand and body protection:	Oil resistant gloves and apron or other suitable protective clothing.
7.2	Eyes:	Protective safety glasses.
7.3	Other:	DO NOT BREATHE FUMES OR SPRAY.

8.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	Clear liquid applied to wipe
9.2	Odour:	Mild ammoniacal
9.3	pH	Aqueous dispersion: 6-7 units
9.4	Boiling Point/Range	N/A
9.5	Melting Point/Range	N/A
9.6	Flash Point	90ºC min.
9.7	Flammability	Combustible
9.8	Auto flammability	Not Known
9.9	Explosive Properties	None
9.10	Oxidising Properties	None
9.11	Vapour Pressure	N/A
9.12	Relative Density	0.91 – 0.93 (liquid)

9.0 STABILITY AND REACTIVITY

Stable unless overheated.
Avoid open flames.
Thermal decomposition will release undefined organic compounds.
Incompatible with strong oxidising agents.

10.0 TOXICOLOGICAL INFORMATION

11.1	Inhalation:	Slightly irritant to respiratory tract. Could cause nausea, and dizziness.
11.2	Skin Contact:	Prolonged or frequent contact could cause irritation and may lead to dermatitis.
11.3	Eye contact:	Irritant.
11.4	Ingestion:	Unlikely unless deliberate but could cause gastro-intestinal irritation.
11.5	Long-term Exposure:	No substantial ill effects established from general usage.

11.0 ECOLOGICAL INFORMATION

No direct information but not expected to be dangerous to the environment.
Likely to be slowly biodegradable.
Does not contain any substance classed as 'Dangerous for the Environment'.

12.0 DISPOSAL

12.1 In accordance with national and local regulations.
12.2 Prevent from entering sewers and waterways.

13.0 TRANSPORT INFORMATION

Not classed as hazardous for transportation.

14.0 REGULATORY INFORMATION

Not classed as hazardous for users.

15.0 OTHER INFORMATION

These data are presented in good faith and are believed to be accurate. However it is for users to satisfy themselves as to the suitability of the product for their use, storage and transportation.

Sources of information used in compilation of this document include manufacturers' Material Safety Data Sheets and Labels, CHIP Approved Supply lists, Codes of Practice and Guidance Notes.

In some instances these products may be used as additives in the preparation of corrosion preventives. Users are reminded that, when mixed with other substances the properties of these must be taken into account when assessing hazards and dangers.

END