SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
   Trade name: Flitz Liquid Polish

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Sector of Use
   SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
   Application of the substance / the mixture Polishing agent/ Burnishing compound

1.3 Details of the supplier of the safety data sheet
   Manufacturer/Supplier:
   Flitz International Ltd.,
   821 Mohr Ave.
   Waterford, Wi 53185 - USA
   Tel. +1 2626 5345898
   Fax +1 262 5342991
   E-mail: info@flitz.com
   Further information obtainable from: www.flitz.com
   1.4 Emergency telephone number: 1-800-222-1222

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Classification according to Regulation (EC) No 1272/2008
   The product is not classified, according to the CLP regulation.
   2.2 Label elements
   Labelling according to Regulation (EC) No 1272/2008
   Hazard pictograms
   Signal word
   Hazard statements
   Additional information:
   Keep out of reach of children.
   Safety data sheet available on request.
   2.3 Other hazards
   Results of PBT and vPvB assessment
   PBT: Not applicable.
   vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
   Description: Mixture of substances listed below with non-hazardous additions.

   Dangerous components:
   EC number: 918-481-9
   Reg.nr.: 01-2119457273-39-xxxx
   Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
   10-25%
   Asp. Tox. 1, H304

   Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
   General information: No special measures required.
· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact: In general, the product does not irritate the skin.
· After eye contact: Rinse opened eye for several minutes under running water.
· After swallowing: Rinse out mouth and then drink plenty of water.
· 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
· 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures
· 5.1 Extinguishing media
· Suitable extinguishing agents: CO2, powder or water spray. Fight large fire with alcohol resistant foam.
· For safety reasons unsuitable extinguishing agents: Water with full jet
· 5.2 Special hazards arising from the substance or mixture
No further relevant information available.
· 5.3 Advice for firefighters
· Protective equipment: Wear self-contained respiratory protective device.
· Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures
· 6.1 Personal precautions, protective equipment and emergency procedures
Particularly danger of slipping on leaked/spilled product.
· 6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· 6.4 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.

SECTION 7: Handling and storage
· 7.1 Precautions for safe handling
No special measures required.
· Information about fire - and explosion protection: No special measures required.
· 7.2 Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles: No special requirements.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions: None.
· Storage class: 10
· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection
· Additional information about design of technical facilities: No further data; see item 7.
· 8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· Additional information: The lists valid during the making were used as basis.
- 8.2 Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:
    Do not eat, drink, smoke or sniff while working.
    The usual precautionary measures are to be adhered to when handling chemicals.
  - Respiratory protection: Not necessary if room is well-ventilated.
  - Protection of hands:
    The glove materials must be impermeable and resistant to the product/ the substance/ the preparation.
    Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - Material of gloves
    Natural rubber, NR
    Recommended thickness of the material: ≥ 0.5 mm
    The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
  - Penetration time of glove material
    For the mixture of chemicals mentioned below the penetration time must be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6). The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.
  - Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties
- 9.1 Information on basic physical and chemical properties
  - General Information
  - Appearance:
    Form: Viscous
    Colour: Green
  - Odour:
    Odour: Characteristic
  - Odour threshold:
    Not determined.
  - pH-value at 20 °C:
    8.5
  - Change in condition
    Melting point/freezing point: Undetermined.
    Initial boiling point and boiling range: 100 °C
  - Flash point:
    >65 °C
  - Flammability (solid, gas):
    Not applicable.
  - Decomposition temperature:
    Not determined.
  - Auto-ignition temperature:
    Product is not self-igniting.
  - Explosive properties:
    Product does not present an explosion hazard.
  - Explosion limits:
    Lower: Not determined.
    Upper: Not determined.
  - Vapour pressure:
    Not determined.
  - Density at 20 °C:
    1.127 g/cm³
  - Relative density:
    Not determined.
  - Vapour density:
    Not determined.
  - Evaporation rate:
    Not determined.
  - Solubility in / Miscibility with water:
    Partly miscible.
  - Partition coefficient: n-octanol/water:
    Not determined.
  - Viscosity:
    Dynamic: Not determined.
    Kinematic at 40 °C: >21 mm²/s

- 9.2 Other information
  No further relevant information available.
SECTION 10: Stability and reactivity
· 10.1 Reactivity No further relevant information available.
· 10.2 Chemical stability
· Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
· 10.3 Possibility of hazardous reactions No dangerous reactions known.
· 10.4 Conditions to avoid No further relevant information available.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information
· 11.1 Information on toxicological effects
· Acute toxicity Based on available data, the classification criteria are not met.
· LD/LC50 values relevant for classification:
  Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
  Oral LD50 >5,000 mg/kg (rat)
  Dermal LD50 >5,000 mg/kg (rabbit)
  Inhalative LC50 (4 h) 4,951 mg/l (rat)
· Primary irritant effect:
  · Skin corrosion/irritation Based on available data, the classification criteria are not met.
  · Serious eye damage/irritation Based on available data, the classification criteria are not met.
  · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
  · CMR effects (carcinogenetic, mutagenicity and toxicity for reproduction)
  · Germ cell mutagenicity Based on available data, the classification criteria are not met.
  · Carcinogenicity Based on available data, the classification criteria are not met.
  · Reproductive toxicity Based on available data, the classification criteria are not met.
  · STOT-single exposure Based on available data, the classification criteria are not met.
  · STOT-repeated exposure Based on available data, the classification criteria are not met.
· Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information
· 12.1 Toxicity
· Aquatic toxicity:
  Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
  EC50 >1,000 mg/l (daphnia)
  LC50 (96 h) >1,000 mg/l (Onchorhynchus mykiss)
· 12.2 Persistence and degradability No further relevant information available.
· 12.3 Bio accumulative potential No further relevant information available.
· 12.4 Mobility in soil No further relevant information available.
· Additional ecological information:
  · General notes:
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· 12.5 Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.
· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations
· 13.1 Waste treatment methods
· Recommendation Smaller quantities can be disposed of with household waste.
- European waste catalogue
  07 06 04* other organic solvents, washing liquids and mother liquors
- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information
- 14.1 UN-Number ADR, ADN, IMDG, IATA Void
- 14.2 UN proper shipping name ADR, ADN, IMDG, IATA Void
- 14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class Void
- 14.4 Packing group ADR, IMDG, IATA Void
- 14.5 Environmental hazards: Marine pollutant: No
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
UN "Model Regulation" Void

SECTION 15: Regulatory information
- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  Directive 2012/18/EU
  Named dangerous substances - ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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
  H304 May be fatal if swallowed and enters airways.

- Abbreviations and acronyms:
  ADR: Accord Européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bio accumulative and Toxic
  vPvB: very Persistent and very Bio accumulative
  Asp. Tox. 1: Aspiration hazard – Category 1