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

1.1. Product identifier
Mixture identification:
Trade name: T7363-A

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Cleaner

1.3. Details of the supplier of the safety data sheet
Company: SEIKO EPSON CORPORATION
80 Harashinden, Hirooka, Shiojiri-shi, Nagano-ken, 399-0785 JAPAN
Phone number: +81-263-52-2552
FAX number: +81-263-53-3702

Competent person responsible for the safety data sheet: MSDS_HRO@exc.epson.co.jp
Date: 9 June, 2016
Revision: 1.0

1.4. Emergency telephone number
Phone number: +81-263-52-2552 (Mon~Fri, 9AM~5PM JST)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
The product is not classified as dangerous according to GHS - Fifth revised edition.
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements
The product is not classified as dangerous according to GHS - Fourth revised edition.
Hazard pictograms:
None
Hazard statements:
None
Precautionary statements:
None
Special Provisions:
None

2.3. Other hazards
vPvB Substances: None - PBT Substances: None
Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances
N.A.

3.2. Mixtures
Hazardous components within the meaning of GHS regulation and related classifications:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Name</th>
<th>Ident. Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;= 90%</td>
<td>Water</td>
<td>CAS: 7732-18-5</td>
<td>The product is not classified as</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1. Description of first aid measures
   In case of skin contact:
   Wash with plenty of water and soap.
   In case of eyes contact:
   In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
   In case of Ingestion:
   Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
   In case of Inhalation:
   Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed
   None

4.3. Indication of any immediate medical attention and special treatment needed
   Treatment:
   None

SECTION 5: Firefighting measures

5.1. Extinguishing media
   Suitable extinguishing media:
   Water.
   Carbon dioxide (CO2).
   Extinguishing media which must not be used for safety reasons:
   None in particular.

5.2. Special hazards arising from the substance or mixture
   Do not inhale explosion and combustion gases.
   Burning produces heavy smoke.

5.3. Advice for firefighters
   Use suitable breathing apparatus.
   Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
   Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
   Wear personal protection equipment.
   Remove persons to safety.
   See protective measures under point 7 and 8.

6.2. Environmental precautions
   Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
   Retain contaminated washing water and dispose it.
   In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
   Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up
   Wash with plenty of water.
6.4. Reference to other sections
   See also section 8 and 13

SECTION 7: Handling and storage
7.1. Precautions for safe handling
   Avoid contact with skin and eyes, inhalation of vapours and mists.
   Do not eat or drink while working.
   See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities
   Keep away from food, drink and feed.
   Incompatible materials:
   None in particular.
   Instructions as regards storage premises:
   Adequately ventilated premises.
7.3. Specific end use(s)
   None in particular

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
   No occupational exposure limit available
   DNEL Exposure Limit Values
     N.A.
   PNEC Exposure Limit Values
     N.A.
8.2. Exposure controls
   Eye protection:
     Not needed for normal use. Anyway, operate according good working practices.
   Protection for skin:
     No special precaution must be adopted for normal use.
   Protection for hands:
     Not needed for normal use.
   Respiratory protection:
     Not needed for normal use.
   Thermal Hazards:
     None
   Environmental exposure controls:
     None
   Appropriate engineering controls:
     None

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties
   Appearance and colour: Clear Liquid
   Odour: Slightly
   Odour threshold: N.A.
   pH: 9.5 at 20 °C
   Melting point / freezing point: < 0 °C
   Initial boiling point and boiling range: > 100 °C
   Solid/gas flammability: N.A.
   Upper/lower flammability or explosive limits: N.A.
   Vapour density: N.A.
   Flash point: > 100 °C
Evaporation rate: N.A.
Vapour pressure: N.A.
Relative density: 1.0 at 20 °C
Solubility in water: Complete
Solubility in oil: N.A.
Partition coefficient (n-octanol/water): N.A.
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Viscosity: < 5 mPa·s at 20 °C
Explosive properties: N.A.
Oxidizing properties: N.A.

9.2. Other information
Miscibility: N.A.
Fat Solubility: N.A.
Conductivity: N.A.
Substance Groups relevant properties N.A.

SECTION 10: Stability and reactivity
10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
None
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
None in particular.
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Toxicological information of the mixture:
N.A.
Toxicological information of the main substances found in the mixture:
N.A.
If not differently specified, the information required in Regulation (EU) 2015/830 listed below must be considered as N.A.:
 a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.

SECTION 12: Ecological information
12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
N.A.
12.2. Persistence and degradability
N.A.
12.3. Bioaccumulative potential
N.A.
12.4. Mobility in soil
N.A.
12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
12.6. Other adverse effects
None

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information
14.1. UN number
Not classified as dangerous in the meaning of transport regulations.
14.2. UN proper shipping name
N.A.
14.3. Transport hazard class(es)
N.A.
14.4. Packing group
N.A.
14.5. Environmental hazards
N.A.
14.6. Special precautions for user
N.A.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
N.A.

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Restrictions related to the product or the substances contained according to Annex XVII
Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Where applicable, refer to the following regulatory provisions:
Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):
N.A.

USA - Federal regulations
TSCA - Toxic Substances Control Act
TSCA inventory: all the components are listed on the TSCA inventory.
TSCA listed substances:
None.
SARA - Superfund Amendments and Reauthorization Act
Section 302 – Extremely Hazardous Substances: no substances listed.
Section 304 – Hazardous substances: no substances listed.
Section 313 – Toxic chemical list: no substances listed.
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
No substances listed.
CAA - Clean Air Act
CAA listed substances:
None.
CWA - Clean Water Act
CWA listed substances:
None.

USA - State specific regulations
California Proposition 65
Substance(s) listed under California Proposition 65:
None.
Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
No substances listed.
New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
No substances listed.
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
No substances listed.

15.2. Chemical safety assessment
No

SECTION 16: Other information
This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This Safety Data Sheet cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).


INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

WGK: German Water Hazard Class.