Safety Data Sheet

1. Identification of the mixture and of the company

Product name : Ink for MCKEE EXTRA FINE: MO-120-MC-BK (1),BL,LB,G,LG,Y,P,PU,R,OR,LE,E

Ink for MCKEE CARE EXTRA FINE REPLACEABLE TYPE: YYTS5-BK(1),

BL,LB,G,LG,Y,P,PU,R,OR,LE,E

Ink for REPLACEABLE INK CARTRIDGE FOR YYTS5:RYYTS5-BK(1).

BL.LB.G.LG.Y.P.PU.R.OR.LE.E

Ink for MCKEE KNOCK: P-YYSS6-BK ①,BL,G,P,R Ink for MCKEE ULTRA FINE:YYTH3-BK ①,BL,R

Ink for HI MCKEE: MO-150-MC-BK 2,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

Ink for HI MCKEE CARE REPLACEABLE TYPE: YYT5-BK (2),

BL,LB,G,LG,Y,P,PU,R,OR,LE,E

Ink for REPLACEABLE INK CARTRIDGE FOR YYT5: RYYT5-BK 2,

BL,LB,G,LG,Y,P,PU,R,OR,LE,E

Ink for MCKEE KNOCK BOLD: P-YYSB6-BK2,BL,R
Ink for ONAMAE MCKEE Double-ended: YYTS7-BK 3

Ink for ONAMAE MCKEE FINE: YYSS7-BK 3

Ink for NAME PEN FINE: MO-12A1-SNZ-BK ③,BL,R Ink for Parment Marker Bullet Tip: PMB-BK②,BL,R,G Ink for Parment Marker Chisel Tip: PMC-BK②,BL,R,G

Ink for M-80: M-80-BK(2) ,BL,R,G

Company : ZEBRA CO., LTD.

TEL: FAX:

Emergency telephone

Product use : Infill Ink for above product

2. Hazards identification

GHS classification

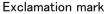
Details are given on the Annex I .

GHS label elements

Pictograms or Symbol

•All ink except BK2, BL

Flame

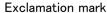






•BK② ink

Flame







•BL ink

Flame



Health Hazard



Corrosion

Signal Word

All ink except BK② : DangerBK② : Warning

Precautionary Statements

Prevention

Read label and Material Safety Data Sheet before use.

Keep away from heat/sparks/open flames/hot surfaces - No smoking

Ground/bond container and receiving equipment

Do not breathe dust/vapours.

Use explosion-proof electrical/ventilating/light

Take precautionary measures against static discharge

Use only non-sparking tools

Use only outdoors or in a well-ventilated area

Do not eat, drink or smoke when using this product

Wear protective gloves/eye protection.

Wash hand throughly after handling

Avoid release to the environment

Response

In case of fire: Use suitable method for extinction

Obtain special instructions before use

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF IN EYES:Immediately call a POISON CENTER or doctor/physician .

Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do . Continue rinsing

If eye irritation persists: Get medical advice/attention

IF exposed or concerned: Get medical advice/attention

Get Medical advice/attention if you feel unwell IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Storage

Store in a well ventilated place. Keep cool and container tightly closed.

Disposal

Dispose of contents/container to in accordance with local government regulation.

3. Composition/information on ingredients

Mixture

Component and Amount

Details are given on the Annex ${\rm I\hspace{-.1em}I}$.

4. First-aid measures

After inhalation:

Call a POISON CENTER or doctor/physician if you feel unwell

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

After skin contact:

Call a POISON CENTER or doctor/physician if you feel unwell

If skin irritation occurs: Get medical advice/attention

After eye contact:

Immediately call a POISON CENTER or doctor/physician.

Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do . Continue rinsing

After ingestion:

Call a POISON CENTER or doctor/physician if you feel unwell

Protection of the person who takes first aid

Nothing in particular.

5. Fire-fighting measures

Suitable Extinguishing media

Carbon dioxide, dry chemical powder, water fog, foam

Prohibition extinguishing media for safety reason

Water spray (straight)

Specific hazards

Highly flammable. Will be easily ignited by heat, sparks or flames.

May produce toxic fumes if burning.

Specific fire fighting procedures

Spray water if have no effect on extinguishing fire because of very low flash point.

If safe to do so, move undamaged containers from the fire area.

If can't move the container, cool containers and surrounding with spray water.

Cool containers with large quantities of water until well after extinguished the fire.

Special protective equipment for fire-fighters

Fire-fighting should be performed from the windward side.

Respiratory protection, and other suitable protective equipment

Special protective equipment for fire-fighters

6. Accidental release measures

Personal precautions

The pollution area should be established as off limits without concerned persons.

Protective equipment and emergency measure

Do not touch the leakage or its damaged container without suitable protection.

Do not walk through the leakage.

Keep sufficient ventilation if the area is indoor.

Remove ignition sources.

Environmental precautions

Keep away from drains, and prevent from releasing to the environment.

Methods for cleaning up

Use non-flammable absorbent materials, and put them in airtight container.

Dispose of absorbent in accordance with law.

Prevention of secondary disaster

Remove nearby ignition source and hot surface.

Equipped with suitable extinguishing media. (Preparation for in case of ignition)

7. Handling and storage

Handling

Technical measures

Do suitable equipment measures and use suitable protection that refer to

"8. Exposure control/ personal protection".

Local exhaust ventilation and general ventilation

Use local exhaust ventilation and general ventilation that refer to

"8. Exposure control/ personal protection".

Caution

When handling do not use high temperature articles, spark and fire.

Handle container with care, do not make it turn over, drop, give impact and drag.

Do not breathe, contact and swallow.

Maintain air concentrations below exposure limit using exhaust ventilation.

Do not eat, drink or smoke when using this product.

Wash hand throughly after handling.

Use only outdoors or in awell-ventilated area.

Avoid release to the environment.

Avoid contact

Refer to section 10 about stability and reactivity.

Storage

Incompatible materials

Refer to section 10 about stability and reactivity.

Storage condition

Store away from heat/sparks/open flames - No smoking

Store in a well ventilated place. Keep cool and container tightly closed.

Store locked up.

The Containers

Use the container that our company filled up when ship products

8. Exposure control/ personal protection

Exposure limit values

Details are given on the Annex II.

Equipment measures

Put up local exhaust ventilation. Use explosion-proof electrical/ventilating/lighting.

Take precautionary measures against static discharge.

Put up emergency eyewash and shower in case of storage or handling about this product.

Protection

Respiratory protection

Use suitable respiratory protection.

Hand protection

Use suitable protective gloves.

Eye protection

Use suitable eye protection.

Skin/body protection

Use suitable face protection.

Hygiene measures

Do not eat ,drink or smoke when using this product.

Wash thoroughly after handling.

9. Physical and chemical properties

Appearance Coloring liquid
Odour Peculiar odour
pH No data available
Melting point / Coagulating point No data available
Boinling point 84.0-117.0 °C

Flash point All ink except BK(3): 25.3-33.4 °C

BK③: 19.4 °C

Explosive limit UEL

Explosive limit LEL

No data available

Vapour pressure

No data available

Vapour density

No data available

Specific gravity

0.95-0.98

Water solubility
Partition coefficient n-octanol/water
Igniton point
No data available
No data available
No data available

Decomposition point No data available

10. Stability and reactivity

Chemical stability This product is stable in normal condition.

Materials to AvoidStrong oxidizing agentConditions to avoidHigh temperatureIncompatible materialsStrong oxidizing agentHazardous decomposition productsNothing in particular.

11. Toxicological information

Details are given on the Annex I.

12. Ecological information

Hazardous to the aquatic environment(acute)

Classification not possible
Classification not possible
Classification not possible

DegradabilityNo data is availableBioaccumulative potentialNo data is availableMobility in soilNo data is available

13. Disposal considerations

Waste residues

Disposal must be made according to official regulations.

Avoid release to the environment.

Contaminated container and packaging

Do not flush into the sewer.

Remove all contents when you dispose of empty containers.

14. Transport information

OAbout Product

This products is not applied to Dangerous Goods because of ink storage type marking pen.

OAbout Ink

International regulation

All ink except BK3

| UN No. | 1993 |
|------------------|----------------|
| Class | 3 |
| Packing Group | III |
| Marine Pollutant | Not applicable |

ICAO/IATA(air transport)

| UN No. | 1993 | |
|---------------|------|--|
| Class | 3 | |
| Packing Group | III | |

BK3 ink

IMDG (maritime transport)

| INDG (maritime transport) | |
|---------------------------------|----------------|
| UN No. | 1993 |
| Class | 3 |
| Packing Group | I |
| Marine Pollutant | Not applicable |
| | |
| | |
| ICAO/IATA(air transport) | |
| ICAO/IATA(air transport) UN No. | 1993 |
| | 1993 3 |
| UN No. | |

Special precautions

Prevent from falling, stumbleing and doing damage when the container loading.

Avoid acute vibration and friction for container.

If there are some indications of hazard in transporting like acute leak in transporting, take emergency measures and report the accident at once to disaster management agency.

Avoid transport with foods or feeds.

15. Regulatory information(Japan)

Details are given on the Annex $\, {
m I\hspace{-.1em}I} \,$.

16. Other information

In this sheet, the contents of ingredients and the value of physical and chemical properties

are not guaranteed performance.

The information contained in this sheet is based on the data available at now.

But this shall not constitute a guarantee for any specific or classification.

Please be alert to handling this product because chemicals shall have unknown hazards.

This sheet may be revised when we get new information.

The information is assumed in the case of large-scale handling on business operations.

They cannot be always applicable to general use of writing instruments.

OCountry of manufacture : JAPAN

MCKEE EXTRA FINE MO-120-MC-BK ,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

MCKEE CARE EXTRA FINE REPLACEABLE TYPE YYTS5-BK,BL,LB,G,LG,Y,P,PU,R,OR,LE,E REPLACEABLE INK CARTRIDGE FOR YYTS5 RYYTS5-BK,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

MCKEE ULTRA FINE YYTH3-BK ,BL,R

HI MCKEE MO-150-MC-BK ,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

HI MCKEE CARE REPLACEABLE TYPE

YYT5-BK ,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

REPLACEABLE INK CARTRIDGE FOR YYT5

RYYT5-BK ,BL,LB,G,LG,Y,P,PU,R,OR,LE,E

ONAMAE MCKEE Double-ended YYTS7-BK
ONAMAE MCKEE FINE: YYSS7-BK

NAME PEN FINE MO-12A1-SNZ-BK ,BL,R

OCountry of manufacture : CHINA

MCKEE KNOCK P-YYSS6-BK ,BL,G,P,R MCKEE KNOCK BOLD P-YYSB6-BK,BL,R

OCountry of manufacture : INDONESIA

Parment Marker Bullet Tip PMB-BK ,BL,R,G
Parment Marker Chisel Tip PMC-BK ,BL,R,G
M-80 M-80-BK ,BL,R,G

Reference

Globally Harmonized System of Classification and Labelling of Chemicals (GHS) second revised edition 2007 Recommendation of Occupational Exposure Limits(2009–2010) by The Japan Society for Occupational Health 2009 TLVs and BEIs by ACGIH

Annex I of Material Safety Data Sheet

Date of issue: 2010-12-10 Revision Date: 2022-09-27

| 0.11 | ı | | | | | | | | | | | | | | |
|---|---|------|----------|------------|----|--------------|--------------|------------|---------|---------|---------|----|----|----|----------|
| 2. Hazards identification | | BK ① | BK ② | BK ③ | BL | R | G | ΙΥ | Р | PU | E | OR | LB | LE | LG |
| Physical hazards | To | | | | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | |
| Flammable liquids | Category 2 | | | 0 | _ | | | | | | | | | | - |
| | Category 3 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pyrophoric liquids | Not classified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Self-heating mixtures | Classification not possible | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Corrosive to metals | Classification not possible | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health hazards | | | | | | | | | | | | | | | |
| Acute toxicity-Oral | Not classified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Acute toxicity-Dermal | Not classified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Acute toxicity-Inhalation:vapour | Category 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Skin corrosion / irritation | Classification not possible | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serious eye damage / eye irritation | Category 1 | _ | - | _ | 0 | - | - | _ | - | - | - | - | _ | _ | _ |
| | Category 2A | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Respiratory or skin sensitization | Classification not possible | Ö | Ŏ | Ŏ | 0 | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ | Ŏ |
| Germ cell mutagenicity | Classification not possible | Ö | ŏ | Ö | Ö | Ŏ | ŏ | Ö | Ŏ | ŏ | Ŏ | Ŏ | ŏ | Ö | Ö |
| Carcinogenicity | Category 1A | Ö | | ŏ | Ö | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ |
| ou. omogoment, | Classification not possible | _ | 0 | <u>-</u> | - | | † <u>-</u> | <u>-</u> | _ | | | | _ | _ | <u> </u> |
| Reproductive toxicity | Category 1A | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Noproductive toxioity | Classification not possible | | 0 | <u>-</u> | - | | † <u>-</u> | <u>-</u> | _ | - | _ | | | | · – |
| Specific target organ toxicity | Category 2(nerve center, systemic tox | | - | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (Singel exposure) | Category 2 (nerve center, systemic tox | | 0 | - | | | ļ <u> </u> | ļ <u> </u> | | | | | | | <u> </u> |
| (Singer exposure) | Category 3 (narcotic effects, respirator | | Ö | 0 | | | | - | | | | | | | I |
| Specific target organ toxicity | Category 3 (liver, nerve center) | | _ | ŏ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| (Repeated exposure) | Category ?(liver, flerve center) | O | | | O | 0 | 0 | 0 | O | 0 | O | O | 0 | 0 | 0 |
| (Repeated exposure) | Category 2(nerve center) | | 0 | | | | | | | | | | | | |
| | Classification not possible | | | ļ <u> </u> | | | | | | | | | | | |
| Aspiration hazard | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Classification not possible | | | | 0 | | | | 0 | | | | U | | |
| Environmental hazards Hazardous to the aquatic environmer | -10-+ | _ | 0 | l – | _ | _ | - | _ | _ | _ | l – | _ | _ | _ | _ |
| mazardous to the aquatic environmen | | | | | | | | | | | | | | | |
| | Classification not possible | 0 | | 0 | 0 | Ŏ | Ö | 0 | Ö | Ŏ | Ŏ | Ŏ | 0 | 0 | 0 |
| Hazardous to the aquatic environmen | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazardous to the ozone layer | Classification not possible | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| Hazard statement | | | | | | 1 | | 1 | | 1 | 1 | | 1 | 1 | |
| Highly flammable liquid and vapour | | - | _ | 0 | - | | - | - | - | - | - | _ | - | - | |
| Flammable liquid and vapour | | 0 | <u>o</u> | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harmful if inhaled | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Causes serious eye damage | | | | _ | 0 | | | - | - | - | _ | | - | _ | |
| Causes serious eye irritation | | 0 | 0 | 0 | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May cause cancer | | 0 | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May damage fertility or the unborn child | | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May cause damage to organs(nerve center, systemic toxicity) | | 0 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May cause damage to organs(nerve cent | er, kidney) | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| Causes damage to organs through prolon | ged or repeated exposure (liver, nerve cente | - | - | 0 | 1 | - | - | - | _ | - | - | - | - | - | - |
| May cause damage to organs through pro | olonged or repeated exposure (liver, blood ve | 0 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | olonged or repeated exposure (nerve center) | _ | 0 | - | _ | _ | - | - | _ | _ | _ | _ | - | - | _ |
| May cause respiratory irritation | . , , | _ | Ŏ | 0 | _ | _ | - | _ | _ | _ | - | - | _ | _ | |
| May cause drowsiness or dizziness | | _ | Õ | Õ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| Harmful to aquatic life | | _ | ŏ | - | - | _ | - | _ | _ | _ | _ | _ | - | _ | |
| .aa. to aquatio iiio | | | | | | 1 | 1 | | | | | 1 | | | |

Annex II of Material Safety Data Sheet

3. Composition/information on ingredients

| Component and Amount | CAS No. | Gazetted List in Japan | вк ① | BK (2) | вк ③ | BL | R | G | Υ | Р | PU | Е | OR | LB | LE | LG |
|----------------------|----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1-Methoxy-2-propanol | 107-98-2 | (2)-404 | 70-75% | 75-80% | 50-55% | 70-75% | 70-75% | 65-70% | 70-75% | 70-75% | 70-75% | 65-70% | 70-75% | 70-75% | 70-75% | 70-75% |
| Ethanol | 64-17-5 | (2)-202 | 5-10% | - | 25-30% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% | 5-10% |
| 2-Propanol | 67-63-0 | (2)-207 | 1-5% | - | ı | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% | 1-5% |
| Benzyl alcohol | 100-51-6 | (3)-1011 | _ | 5-10% | 1 | 1 | ı | - | _ | ı | ı | - | _ | ı | ı | - |
| Methyl ethyl ketone | 78-93-3 | (2)-542 | <1% | - | ı | <1% | <1% | <1% | <1% | <1% | <1% | <1% | <1% | <1% | <1% | <1% |
| Resins | Nondis | closure | 5-10% | 5-10% | 10-15% | 15-20% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% | 10-15% |
| Dyes | Nondis | closure | 10-15% | 10-15% | 15-20% | 1-5% | 1-5% | 5-10% | 5-10% | 1-5% | 1-5% | 5-10% | 5-10% | 1-5% | 5-10% | 5-10% |
| Additives | Nondis | closure | - | 1-5% | - | - | - | - | - | - | - | - | - | - | - | - |

8. Exposure control/ personal protection

| | Permissible | e concentration | Administrative levels |
|----------------------|---|---|---|
| | The Japan Society for Occupational Health | ACGIH | istry of Health, Labour and Welfare(JAP |
| 1-Methoxy-2-propanol | Not established | 100ppm(TLV-TWA 2009) 150ppm(TLV-STEL/C 2009) | Not established |
| Ethanol | Not established | 1000 ppm(TLV-TWA 2006) | Not established |
| 2-Propanol | 400ppm、980mg/m3 (2021) | 200ppm(TLV-TWA 2009) 400ppm(TLV-STEL/C 2009) | 200 ppm |
| Benzyl alcohol | 25 mg/m3 (2021) | Not established | Not established |
| Methyl ethyl ketone | 200ppm、590mg/m3 (2021) | 200ppm(TLV-TWA 2009) 300ppm(TLV-STEL/C 2009) | 200 ppm |

15. Regulatory information(Japan) Industrial Safety and Health Act

Article 57-2 paragraph (1)

| | BK ① | BK ② | BK ③ | BL | R | G | Υ | Р | PU | E | OR | LB | LE | LG |
|----------------------|------|------|------|----|---|---|---|---|----|---|----|----|----|----|
| 1-Methoxy-2-propanol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethanol | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Propanol | 0 | _ | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Copper Compounds | - | - | - | 0 | - | - | - | _ | 0 | - | - | 0 | _ | _ |
| Chromium Compounds | 0 | - | 0 | _ | - | - | _ | _ | - | - | - | - | _ | - |
| Benzyl alcohol | - | 0 | _ | _ | - | - | - | _ | _ | _ | _ | - | _ | - |
| Mineral oil | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Order for Enforcement Article 1, dangerous substances •inflammable substances: Applicable

Poisonous and Deleterious Substances Control Law: Not applicable

Act on confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management There of Article 2 Class I. II. Designated Chemical Substances: Not applicable

to the Management There of Article 2 Class I, II Designated Chemical Substances: Not applicable

| Fire Service Law | | BK (1) | BK (2) | BK (3) | BL | R | G | Υ | Р | PU | E | OR | LB | LE | L |
|------------------|---|--------|--------|--------|----|---|---|---|---|----|---|----|----|----|---|
| | Category IV Class I petroleums non water soluble | - | _ | 0 | _ | - | - | - | - | - | - | _ | _ | _ | - |
| | Category IV Class II petroleums non water soluble | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | | | | | | | | | |

Ship Safety Act

| | BK ① | BK ② | BK ③ | BL | R | G | Υ | Р | PU | E | OR | LB | LE | LG |
|------------------|------|--------|--------|----|---|---|---|---|----|---|----|----|----|----|
| Flammable liquid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - | | | | | | | | | | | | | | |
| | BK ① | BK (2) | BK (3) | BL | R | G | Υ | Р | PU | E | OR | LB | LE | LG |
| Flammable liquid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Civil Aviation Law