

Section 1 : Identification			
Product identifier			
PRODUCT NAME:	RISO MASTER F II type 37 / 33 / 30 UA		
ITEM CODE:	S-8131UA / S-8133UA / S-8188UA		
Recommended use of the che	emical and restrictions on use;		
RELEVANT IDENTIFIED USES:	MASTER for Digital Duplicator		
Company identification			
MANUFACTURER:	RISO KAGAKU CORPORATION		
	5-34-7 Shiba, Minato-ku, Tokyo, 108-8385, JAPAN		
	TEL: 81 (3) 5441-6611		
SUPPLIER:	RISO LATIN AMERICA, INC. 13680 NW 5th Street, Suite 100 - Sunrise, FI 33325, U.S.A. Tel: +1 (954) 499-7476		
Section 2 : Hazards identification			
GHS Classification:	Not classified		
GHS Label elements			
HAZARD PICTOGRAMS:	Not required		
SIGNAL WORD:	Not required.		
HAZARD STATEMENTS:	Not required		
PRECAUTIONARY STATEMENTS:	Not required		
Section 3 : Composition/information on ingredients			
Mixture:			
CHEMICAL CHARACTERIZATION:	Film of paper and polyester		
INGREDIENTS:	Polyethylene terephthalate		
	Hemp		
	Resin		
	Silicone		
Section 4 : First-aid measures			
Description of first aid measu	res		
EYE CONTACT:	In case of contact with eyes, rinse immediately with plenty of water.		
SKIN CONTACT:	After contact with skin, wash immediately with plenty of water using a mild soap.		
Section 5 : Fire-fighting measures			
	Nater, CO <sub>2</sub> , foam, dry chemical powder, dry sand		
Special hazards arising from the substance or mixture:			
	May produce toxic fumes of CO, CO <sub>2</sub> , NOx, SOx		
	These masters do not act as a source of ignition, but may be as flammable as paper.		
Section 6 : Accidental release measures			
1	Not applicable		



Precautions for safe handling: Not normally required. Conditions for safe storage, including any incompatibilities: Store at 5 - 40 °C and protect from sunlight at all time. Section 8 : Exposure controls/personal protection Control parameters: Not applicable Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: Resemance proteotion: Not normally required HAND PROTECTION: Not normally required Section 9 : Physical and chemical properties Physical state: Film of paper and polyester Density: 10 - 15g/m <sup>2</sup> Section 10 : Stability and reactivity Not applicable Section 11 : Toxicological information Not applicable Section 12 : Ecological information Not applicable Section 13 : DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with leaplicable Section 14 : TRANSPORT INFORMATION Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable Section 14 : TRANSPORT INFORMATION Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable Section 14 : TRANSPORT INFORMATION UN number: Not regulated UN number: Not regulated Transport hazard class(es): Not regulated Transport hazard class(es): Not regulated Transport in bulk according to Annex II of MARPOL7378 and the IBC Code: Not regulated	Section 7 : Handling an	d storage		
Conditions for safe storage, including any incompatibilities: Store at 5 - 40 °C and protect from sunlight at all time. Section 8 : Exposure controls/personal protection Control parameters: Not applicable Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: Resentative reportections: Not normally required Section 9 : Physical and chemical properties Physical state: Film of paper and polyester Density: 10 – 15g/m <sup>2</sup> Section 10 : Stability and reactivity Section 11 : Toxicological information Not applicable Section 12 : Ecological information Not applicable Section 13 : DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing finis ilow density polyethylene, and material of core is paper. Label material is plastic (imetal included). Section 14 : TRANSPORT INFORMATION Waste treatment methods: Not regulated UN proper shipping name: Not regulated Environmental hazards: Not regulated Envi				
Store at 5 - 40 °C and protect from sunlight at all time. Section 8 : Exposure controls/personal protection Control parameters: Not applicable Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: RESPIRATORY PROTECTION: Not normally required SECTION 9 : Physical and chemical properties Physical state: Film of paper and polyester Density: 10 – 15g/m² Section 10 : Stability and reactivity Not applicable Section 11 : Toxicological information Not applicable Section 12 : Ecological information Not applicable Section 13 : DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulated Iwaterial to packing film is low density polyetylene, and material of core is paper. Label material is plastic (metal included). Section 14 : TRANSPORT INFORMATION UN number: Not regulated Transport hazard class(es): Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		Not normally required.		
Section 8 : Exposure controls/personal protection         Control parameters:       Not applicable         Appropriate engineering controls:       Good general ventilation should be sufficient for most conditions.         Individual protection measures, such as protective equipment:       Reservatore Protection:         Not normally required       Not normally required         HAND PROTECTION:       Not normally required         Section 9 : Physical and chemical properties       Physical state:         Physical state:       Film of paper and polyester         Density:       10 - 15g/m²         Section 10 : Stability and reactivity         Not applicable         Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN number:       Not regulated         UN number:       Not regulated         Transport shipping name:       Not regulated         Transport shipping name:       Not regulated         Transport in bulk according to Annex II of MARPO	Conditions for safe storage,			
Control parameters: Not applicable Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: RESPIRATORY PROTECTION: Not normally required HAND PROTECTION: Not normally required EVE PROTECTION: Not normally required SECTION 9 : Physical and chemical properties Physical state: Film of paper and polyester Density: 10 – 15g/m <sup>2</sup> Section 10 : Stability and reactivity Not applicable Section 11 : Toxicological information Not applicable Section 12 : Ecological information Not applicable Section 13 : DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included). Section 14 : TRANSPORT INFORMATION UN number: Not regulated Transport hazard class(es): Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		Store at 5 - 40 °C and protect from sunlight at all time.		
Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: resPRATORY PROTECTION: Not normally required HAND PROTECTION: Not normally required Section 9: Physical and chemical properties Physical state: Film of paper and polyester Density: 10 – 15g/m <sup>2</sup> Section 10: Stability and reactivity Section 11: Toxicological information Not applicable Section 12: Ecological information Section 13: DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Mot applicable Section 14: TRANSPORT INFORMATION UN number: Not regulated UN proper shipping name: Not regulated Transport hazard class(es): Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	•	· ·		
Good general ventilation should be sufficient for most conditions.           Individual protection measures, such as protective equipment:           RESPIRATORY PROTECTION:         Not normally required           HAND PROTECTION:         Not normally required           Section 9 : Physical and Chemical properties           Physical state:         Film of paper and polyester           Density:         10 - 15g/m²           Section 10 : Stability and reactivity           Section 11 : Toxicological information           Not applicable           Section 12 : Ecological information           Not applicable           Section 13 : DISPOSAL CONSIDERATIONS           Waste treatment methods:         Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).           Section 14 : TRANSPORT INFORMATION           UN number:         Not regulated           UN number:         Not regulated           Transport shipping name:         Not regulated           Transport shipping name:         Not regulated           Transport in bulk according to Amex II of MARPOL73/78 and the IBC Code:	•			
Individual protection measures, such as protective equipment:   RESPIRATORY PROTECTION: Not normally required   HAND PROTECTION: Not normally required   Section 9 : Physical and chemical properties   Physical state: Film of paper and polyester   Density: 10 – 15g/m <sup>2</sup> Section 10 : Stability and reactivity Section 11 : Toxicological information Section 12 : Ecological information Section 12 : Ecological information Section 13 : DISPOSAL CONSIDERATIONS Waste treatment methods: Burn in an adequate inclinerator or bury in landfill in accordance with all applicable requilations. Any disposal practice must be in compliance with local, state and federal laws and regulated laws and regulated UN proper shipping name: Not regulated Transport hazard class(es): Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Appropriate engineering coi			
RESPIRATORY PROTECTION:       Not normally required         HAND PROTECTION:       Not normally required         EYE PROTECTION:       Not normally required         Section 9: Physical and chemical properties         Physical state:       Film of paper and polyester         Density:       10 – 15g/m²         Section 10: Stability and reactivity         Section 11: Toxicological information         Section 12: Ecological information         Not applicable         Section 13: DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable         Section 14: TRANSPORT INFORMATION         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14: TRANSPORT INFORMATION         UN number:       Not regulated         Transport hazard class(es): Not regulated       (MDG, IATA)         Packing group:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Individual protection measu	-		
EYE PROTECTION:       Not normally required         SINI AND BODY PROTECTION:       Not normally required         Section 9 : Physical and chemical properties       Physical state:         Physical state:       Film of paper and polyester         Density:       10 – 15g/m <sup>2</sup> Section 10 : Stability and reactivity         Section 11 : Toxicological information         Section 12 : Ecological information         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Muterial is placing film is low density polyethylene, and material of core is paper. Label material is placing film is low density polyethylene, and material of core is paper. Label material is placing film is low density polyethylene, and material of core is paper. Label material is placing (IMDG, IATA)         Packing group:       Not regulated         Transport hazard class(es): Not regulated       (IMDG, IATA)         Packing group:       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:       Section 14 : Code	·			
SKIN AND BODY PROTECTION:       Not normally required         Section 9 : Physical and chemical properties         Physical state:       Film of paper and polyester         Density:       10 – 15g/m²         Section 10 : Stability and reactivity         Section 11 : Toxicological information         Section 12 : Ecological information         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION       UN number:         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environme	HAND PROTECTION:	Not normally required		
Section 9 : Physical and chemical properties         Physical state:       Film of paper and polyester         Density:       10 – 15g/m²         Section 10 : Stability and reactivity         Not applicable         Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable         Section 13 : DISPOSAL considered in the regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	EYE PROTECTION:			
Physical state:       Film of paper and polyester         Density:       10 – 15g/m²         Section 10 : Stability and reactivity         Not applicable         Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:         Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN number:       Not regulated         IV norpore shipping name:       Not regulated         Environmental hazard:       Not regulated         Environmental hazards:       Not regulated	SKIN AND BODY PROTECTION :	Not normally required		
Density:       10 – 15g/m²         Section 10 : Stability and reactivity         Not applicable         Section 11 : Toxicological information         Section 11 : Toxicological information         Section 12 : Ecological information         Section 12 : Ecological information         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION       UN number:         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:				
Section 10 : Stability and reactivity         Not applicable         Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:				
Not applicable         Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:         Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	· ·			
Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         Transport hazard class(es): Not regulated       (IMDG, IATA)         Packing group:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Section 10 : Stability and reactivity			
Section 11 : Toxicological information         Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         Transport hazard class(es): Not regulated       (IMDG, IATA)         Packing group:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:				
Not applicable         Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		Not applicable		
Section 12 : Ecological information         Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.         Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Section 11 : Toxicological information			
Not applicable         Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		Not applicable		
Section 13 : DISPOSAL CONSIDERATIONS         Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Section 12 : Ecological information			
Waste treatment methods:       Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included).         Section 14 : TRANSPORT INFORMATION         UN number:       Not regulated         UN proper shipping name:       Not regulated         Transport hazard class(es):       Not regulated (IMDG, IATA)         Packing group:       Not regulated         Environmental hazards:       Not regulated         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		Not applicable		
regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper. Label material is plastic (metal included). Section 14 : TRANSPORT INFORMATION UN number: Not regulated UN proper shipping name: Not regulated Transport hazard class(es): Not regulated (IMDG, IATA) Packing group: Not regulated Environmental hazards: Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Section 13 : DISPOSAL CONSIDERATIONS			
UN number:Not regulatedUN proper shipping name:Not regulatedTransport hazard class(es):Not regulatedPacking group:Not regulatedEnvironmental hazards:Not regulatedTransport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Waste treatment methods:	regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. Material of packing film is low density polyethylene, and material of core is paper.		
UN proper shipping name:Not regulatedTransport hazard class(es):Not regulatedPacking group:Not regulatedEnvironmental hazards:Not regulatedTransport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Section 14 : TRANSPORT INFORMATION			
Transport hazard class(es):Not regulated(IMDG, IATA)Packing group:Not regulatedEnvironmental hazards:Not regulatedTransport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		-		
Packing group:Not regulatedEnvironmental hazards:Not regulatedTransport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		-		
Environmental hazards: Not regulated Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	, , ,			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:		-		
		-		
		Not regulated		



## Section 15 : REGULATORY INFORMATION

Not applicable

## Section 16 : OTHER INFORMATION

Issue date:	2019/06/28
Revision date:	2019/06/28
SDS No.(Version No):	RF2M013G-00

The information herein is given in good faith, but no warranty, express or implies, is made. Please consult RISO KAGAKU CORPORATION for further information.

RISO MASTER F II type 37/33/30 UA