



OCCASION

This publication has been made available to the public on the occasion of the 50th anniversary of the United Nations Industrial Development Organisation.



DISCLAIMER

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as "developed", "industrialized" and "developing" are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

FAIR USE POLICY

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

CONTACT

Please contact <u>publications@unido.org</u> for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at www.unido.org



08708



Distr.
LIMITED

ID/WG.293/32 28 February 1979

ENGLISH

United Nations Industrial Development Organization

Workshop on Fermentation Alcohol for Use as Fuel and Chemical Feedstock in Developing Countries

Vienna, Austria, 26 - 30 March 1979

· CONSUMPTION FIGURES OF FERMENTATION ALCOHOL IN JAPAN*

by

A. Yokoi**

^{*} The views and opinions expressed in this paper are those of the author and do not necessarily reflect the views of the secretariat of UNIDO. This document has been reproduced without formal editing.

^{**} Deputy Managing Director, Alcohol Association of Japan, Mori Bldg. No.4 19-12, 1-chome, Toranomon, Minato-ku, Tokyo.

CONSUMPTION FIGURES OF PERMENTATION ALCOHOL IN JAPAN

(in thousand litres)

						(Industrial use only)
Classifi-		1975 FY {Apr. '75-} {Mar. '76 }	1976 FY {Apr.,76-} {Mar.,77	1977 FY (Apr. 77-) (Nar. 78-)	1978 FY {Apr.'78-} [Mar.'79 }	Main End Uses
cation	Subdivision				est	
	Esters	37	04	38	38	
	Other Organic Chemicals					
Chemical Industry	Somp and Liquid Detergent Coating Nitro Cellulose	12	~	45	29	
	Commetics	7,363	6,824	6,678	5,175	Hair Preparation, Toilet Water, I
	Flavor	4.027	4.745	5,132	2,767	NOT
	Pharmaceuticals	1, 508	1,657	400,0	2,097	Tablet Coating
	Others	558	25	575	728	•
	Total	14,007	13,843	14,472	13,834	
	Vinegar	12,725	12,589	13,942	14,658	White Vinegar
Food	Preservatives	12,389	14,562	18,117	20,824	Soy Sauce, Bear Paste (Niso),
industry.	Others	2,799	3,779	3,993	4,214	Sessoning
	Total	28,1	30,930	36,052	369*68	
	Tobacco Flavor	2,246	2,446	2,439	2,568	
	Export	77	65	19	cı	
Others	Reagent Alcohol	1,371	1,427	1,642	1,806	
	J. P. Alcohol	4,698	4,868	5,398	5,819	Medical Use
	Lavoratory Uses	107	57	62	2	
	Others	87.	991	1,047	1,034	
	Total	9,300	9,854	10,607	11,299	
	GRAND TOTAL	51,420	54,627	61,131	64,829	

B-150



80.04.16