Action Confusion matrix

True label (rows, top to bottom):
action_chitchat, action_default_fallback, action_listen, action_set_onboarding, action_store_bot_language, action_store_budget, action_store_entity_extractor, action_store_job, action_store_name, action_store_usecase, event_rewind, fail, success, utter_also_explain_nlu, utter_anything_else, utter_ask_budget, utter_ask_company, utter_ask_entities, utter_ask_for_nlu_specifics, utter_ask_goal, utter_ask_jobfunction, utter_ask_migration, utter_ask_name, utter_ask_usecase, utter_ask_which_product, utter_ask_which_tool, utter_built_bot_before, utter_bye, utter_canthelp, utter_contact_email, utter_core_tutorial, utter_crf, utter_direct_install, utter_duckling_info, utter_explain_core, utter_explain_nlu, utter_explain_nlucore, utter_explain_stack, utter_first_bot_with_rasa, utter_getstarted, utter_greet, utter_inform_privacypolicy, utter_moreinformation, utter_nlu_entity_tutorial, utter_nohelp, utter_noworries, utter_offer_recommendation, utter_out_of_scope, utter_possibilities, utter_quickstart, utter_quickstart_nlu_only, utter_rasa_cost, utter_sales_contact, utter_spacy_or_tensorflow, utter_stack_details, utter_switch_dialogflow, utter_switch_luis, utter_thank_usecase, utter_thumbsup, utter_tryout, utter_what_language

Predicted label (columns, left to right):
action_chitchat, action_default_fallback, action_listen, action_set_onboarding, action_store_bot_language, action_store_budget, action_store_entity_extractor, action_store_job, action_store_name, action_store_usecase, event_rewind, fail, success, utter_also_explain_nlu, utter_anything_else, utter_ask_budget, utter_ask_company, utter_ask_entities, utter_ask_for_nlu_specifics, utter_ask_goal, utter_ask_jobfunction, utter_ask_migration, utter_ask_name, utter_ask_usecase, utter_ask_which_product, utter_ask_which_tool, utter_built_bot_before, utter_bye, utter_canthelp, utter_contact_email, utter_core_tutorial, utter_crf, utter_direct_install, utter_duckling_info, utter_explain_core, utter_explain_nlu, utter_explain_nlucore, utter_explain_stack, utter_first_bot_with_rasa, utter_getstarted, utter_greet, utter_inform_privacypolicy, utter_moreinformation, utter_nlu_entity_tutorial, utter_nohelp, utter_noworries, utter_offer_recommendation, utter_out_of_scope, utter_possibilities, utter_quickstart, utter_quickstart_nlu_only, utter_rasa_cost, utter_sales_contact, utter_spacy_or_tensorflow, utter_stack_details, utter_switch_dialogflow, utter_switch_luis, utter_thank_usecase, utter_thumbsup, utter_tryout, utter_what_language

Non-zero values (True label → [fail, success] columns):

True label	fail	success
action_chitchat	7	21
action_default_fallback	22	41
action_listen	143	198
action_set_onboarding	20	5
action_store_bot_language	0	2
action_store_budget	2	0
action_store_entity_extractor	0	2
action_store_job	1	0
action_store_name	1	0
action_store_usecase	1	2
event_rewind	23	40
fail	7	8
success	2	13
utter_also_explain_nlu	3	0
utter_anything_else	10	29
utter_ask_budget	1	2
utter_ask_company	2	0
utter_ask_entities	0	2
utter_ask_for_nlu_specifics	2	2
utter_ask_goal	1	42
utter_ask_jobfunction	1	6
utter_ask_migration	3	0
utter_ask_name	2	0
utter_ask_usecase	1	0
utter_ask_which_product	4	3
utter_ask_which_tool	3	0
utter_built_bot_before	17	1
utter_bye	0	3
utter_canthelp	2	0
utter_contact_email	0	5
utter_core_tutorial	2	10
utter_crf	0	2
utter_direct_install	1	0
utter_explain_core	9	0
utter_explain_nlu	9	0
utter_explain_nlucore	14	1
utter_explain_stack	14	1
utter_first_bot_with_rasa	15	13
utter_getstarted	9	19
utter_greet	3	43
utter_inform_privacypolicy	1	34
utter_moreinformation	1	6
utter_nlu_entity_tutorial	0	6
utter_nohelp	0	1
utter_noworries	0	1
utter_offer_recommendation	0	6
utter_out_of_scope	0	4
utter_possibilities	7	23
utter_quickstart	5	4
utter_rasa_cost	1	0
utter_sales_contact	2	0
utter_spacy_or_tensorflow	0	2
utter_stack_details	14	1
utter_switch_dialogflow	0	1
utter_switch_luis	1	0
utter_thank_usecase	1	2
utter_thumbsup	6	6
utter_tryout	11	0
utter_what_language	0	2

All other cells are 0.